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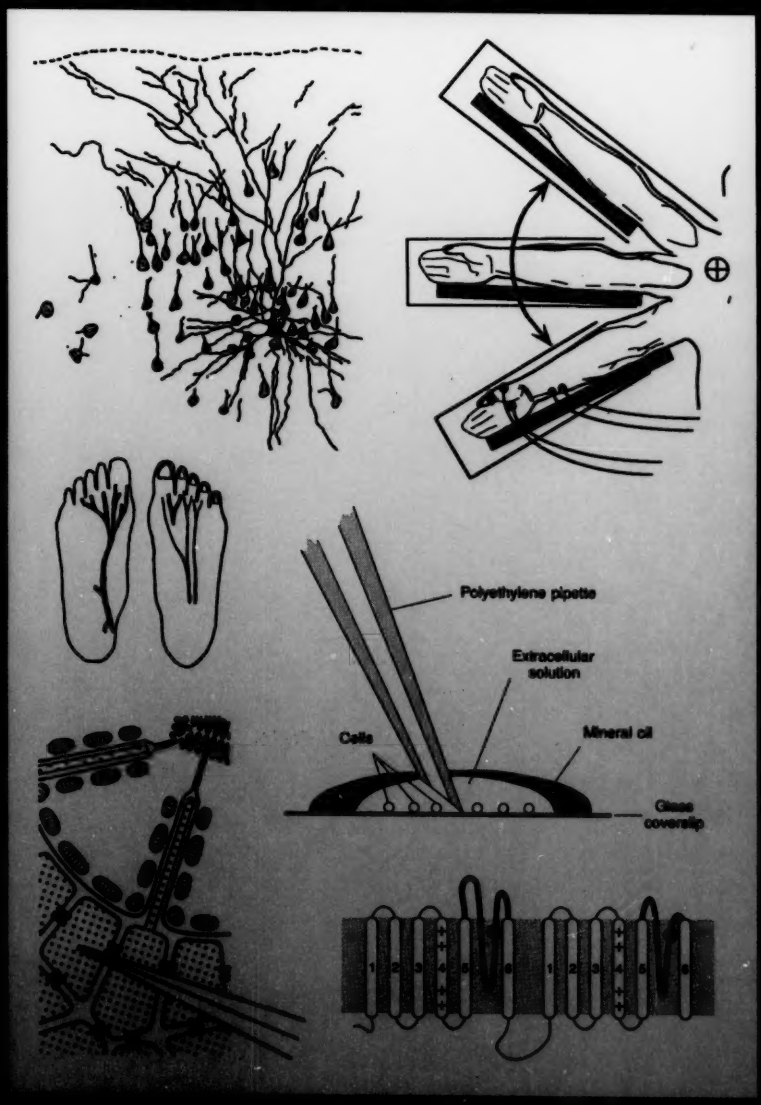


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to Volumes 490 – 497

(January – December 1996)

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*Bernheim L., Liu J.-H., Hamann M., Haenggeli C.-A., Fischer-Lougheed J. & Bader C.-R.* Contribution of a non-inactivating potassium current to the resting membrane potential of fusion-competent human myoblasts **493**, 129, 1996

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*see Gómez A. M., Cheng H., Lederer W. J. & Bers D. M.* **496**, 575, 1996

Bertrand D. *see Palma E., Bertrand S., Binzoni T. & Bertrand D.* **491**, 151, 1996

Bertrand S. *see Palma E., Bertrand S., Binzoni T. & Bertrand D.* **491**, 151, 1996

Bevan S. *see England S., Bevan S. & Docherty R. J.* **495**, 429, 1996

Bevensee M.O.

*Bevensee M. O., Cummins T. R., Haddad G. G., Boron W. F. & Boyarsky G.* pH regulation in single CA1 neurons acutely isolated from the hippocampi of immature and mature rats **494**, 315, 1996

Bezanilla F. *see Hocherman S. D. & Bezanilla F.* **493**, 113, 1996

Bianchi L. *see Borghese N. A., Bianchi L. & Lacquaniti F.* **494**, 863, 1996

Bie P. *see Sandgaard N. C. F. & Bie P.* **494**, 809, 1996

Biglari B. *see Riccio M. M., Kummer W., Biglari B., Myers A. C. & Undem B. J.* **496**, 521, 1996

Billock V.A.

*Billock V. A. & Harding T. H.* Evidence of spatial and temporal channels in the correlational structure of human spatiotemporal contrast sensitivity **490**, 509, 1996

Bindels R.J.M. *see van Baal J., de Jong M. D., Zijlstra F. J., Willems P. H. G. M. & Bindels R. J. M.* **497**, 229, 1996

Binder M.D. *see Poliakov A. V., Powers R. K., Swaczuk A. & Binder M. D.* **495**, 143, 1996

Binzoni T. *see Palma E., Bertrand S., Binzoni T. & Bertrand D.* **491**, 151, 1996

*see Narici M. V., Binzoni T., Hiltbrand E., Fasel J., Terrier F. & Cerretelli P.* **496**, 287, 1996

Birch K. *see Phillips S. K., Sanderson A. G., Birch K., Bruce S. A. & Woledge R. C.* **496**, 551, 1996

Birnbaumer L. *see Olcese R., Neely A., Qin N., Wei X., Birnbaumer L. & Stefani E.* **497**, 675, 1996

Bischoff A.

*Bischoff A., Erdbrügger W., Smits J. & Michel M. C.* Neuropeptide Y-enhanced diuresis and natriuresis in anaesthetized rats is independent of renal blood flow reduction **495**, 525, 1996

Bischoff A.M. *see Pierrefiche O., Bischoff A. M. & Richter D. W.* **494**, 399, 1996

Bischoff U. *see Safronov B. V., Bischoff U. & Vogel W.* **493**, 393, 1996

Bittner G.D. *see Wright S. N., Brodwick M. S. & Bittner G. D.* **496**, 347, 1996

*see Wright S. N., Brodwick M. S. & Bittner G. D.* **496**, 363, 1996

Bjur R.A. *see Todorov L. D., Mihaylova-Todorova S., Craviso G. L., Bjur R. A. & Westfall D. P.* **496**, 731, 1996

Blakely R.D. *see Risso S., DeFelice L. J. & Blakely R. D.* **490**, 691, 1996

Blanchet C. *see Sugasawa M., Erostegui C., Blanchet C. & Dulon D.* **491**, 707, 1996

Blatter L.A. *see Hüser J., Lipsius S. L. & Blatter L. A.* **494**, 641, 1996

Boden P.R. *see Rowe I. C. M., Boden P. R. & Ashford M. L. J.* **497**, 365, 1996

Bogle R.G.

*Bogle R. G., Baydoun A. R., Pearson J. D. & Mann G. E.* Regulation of L-arginine transport and nitric oxide release in superfused porcine aortic endothelial cells **490**, 229, 1996

Bokvist K. *see Eliasson L., Proks P., Ämmälä C., Ashcroft F. M., Bokvist K., Renström E., Rorsman P. & Smith P. A.* **493**, 755, 1996

*see Renström E., Eliasson L., Bokvist K. & Rorsman P.* **494**, 41, 1996

Bollinger A. *see Franzeck U. K., Fischer M., Costanzo U., Herrig I. & Bollinger A.* **494**, 595, 1996

Bolton T.B. *see Gordienko D. V., Tare M., Parveen S., Fenech C. J., Robinson C. & Bolton T. B.* **496**, 299, 1996

Bonham A.C.

*Bonham A. C., Kott K. S., Ravi K., Kappagoda C. T. & Joad J. P.* Substance P contributes to rapidly adapting receptor responses to pulmonary venous congestion in rabbits **493**, 229, 1996

*see Wilson C. G., Zhang Z. & Bonham A. C.* **496**, 773, 1996

Bookchin R.M. *see Raftos J. E., Bookchin R. M. & Lew V. L.* **491**, 773, 1996

Bordey A.

*Bordey A., Feltz P. & Trouslard J.* Patch-clamp characterization of nicotinic receptors in a subpopulation of lamina X neurones in rat spinal cord slices **490**, 673, 1996

*Bordey A., Feltz P. & Trouslard J.* Nicotinic actions on neurones of the central autonomic area in rat spinal cord slices **497**, 175, 1996

Borghese N.A.

*Borghese N. A., Bianchi L. & Lacquaniti F.* Kinematic determinants of human locomotion **494**, 863, 1996

Boron W.F. *see Bevensee M. O., Cummins T. R., Haddad G. G., Boron W. F. & Boyarsky G.* **494**, 315, 1996

Bossu J.-L.

*Bossu J.-L., Capogna M., Debanne D., McKinney R. A. & Gähwiler B. H.* Somatic voltage-gated potassium currents of rat hippocampal pyramidal cells in organotypic slice cultures **495**, 367, 1996

*Bossu J.-L. & Gähwiler B. H.* Distinct modes of channel gating underlie inactivation of somatic $K^+$ current in rat hippocampal pyramidal cells *in vitro* **495**, 383, 1996

Bottinelli R. *see Stienen G. J. M., Kiers J. L., Bottinelli R. & Reggiani C.* **493**, 299, 1996

*Bottinelli R., Canepari M., Pellegrino M. A. & Reggiani C.* Force–velocity properties of human skeletal muscle fibres: myosin heavy chain isoform and temperature dependence **495**, 573, 1996

Bouchard R. *see Fedida D., Bouchard R. & Chen F. S. P.* **494**, 377, 1996

Boulant J.A. *see Griffin J. D., Kaple M. L., Chow A. R. & Boulant J. A.* **492**, 231, 1996

Bournaud R. *see Melliti K., Bournaud R., Bastide B. & Shimahara T.* **490**, 363, 1996

Bourque C.W. *see Kirkpatrick K. & Bourque C. W.* **494**, 389, 1996

Boutelle M.G. *see Fray A. E., Forsyth R. J., Boutelle M. G. & Fillenz M.* **496**, 49, 1996

*see Miele M., Boutelle M. G. & Fillenz M.* **497**, 745, 1996

Boyarsky G. *see Bevensee M. O., Cummins T. R., Haddad G. G., Boron W. F. & Boyarsky G.* **494**, 315, 1996

Boyd C.A.R. *see Temple C. S., Bailey P. D., Bronk J. R. & Boyd C. A. R.* **494**, 795, 1996

Boyett M.R. *see Yang Z.-K., Boyett M. R., Janvier N. C., McMorn S. O., Shui Z. & Karim F.* **492**, 789, 1996

*see Kodama I., Boyett M. R., Suzuki R., Honjo H. & Toyama J.* **495**, 785, 1996

*see Honjo H., Boyett M. R., Kodama I. & Toyama J.* **496**, 795, 1996

Brading A.F. *see Bramich N. J. & Brading A. F.* **492**, 185, 1996

Brain K.L. *see Lin Y. Q., Brain K. L., Nichol K. A., Morgan J. J. & Bennett M. R.* **497**, 639, 1996

BRAMICH N.J.

*BRAMICH N. J. & BRADING A. F.* Electrical properties of smooth muscle in the guinea-pig urinary bladder **492**, 185, 1996

BRANCATISANO A. *see LEGRAND A., BRANCATISANO A., DECRAMER M. & DE TROYER A.* **495**, 247, 1996

BRANDTS B. *see BÜNEMANN M., BRANDTS B. & POTT L.* **494**, 351, 1996

BRAUN A.P.

*BRAUN A. P. & SCHULMAN H.* Distinct voltage-dependent gating behaviours of a swelling-activated chloride current in human epithelial cells **495**, 743, 1996

BREGESTOVSKI P. *see MEDINA I., FILIPPOVA N., BAKHRAMOV A. & BREGESTOVSKI P.* **495**, 411, 1996

BRETAG A.H. *see RYCHKOV G. Y., PUSCH M., ASTILL D. ST J., ROBERTS M. L., JENTSCH T. J. & BRETAG A. H.* **497**, 423, 1996

BREVES G. *see SCHRÖDER B., SCHLUMBOHM C., KAUNE R. & BREVES G.* **492**, 715, 1996

BRICKLEY S.G.

*BRICKLEY S. G., CULL-CANDY S. G. & FARRANT M.* Development of a tonic form of synaptic inhibition in rat cerebellar granule cells resulting from persistent activation of $GABA_A$ receptors **497**, 753, 1996

BRIDGE J.H.B. *see LEVI A. J., LI J., SPITZER K. W. & BRIDGE J. H. B.* **494**, 653, 1996

BRIGGS F.N. *see ZHANG K.-M., HU P., WANG S.-W., FEHER J. J., WRIGHT L. D., WECHSLER A. S., SPRATT J. A. & BRIGGS F. N.* **496**, 211, 1996

*see HU P., ZHANG K.-M., FEHER J. J., WANG S.-W., WRIGHT L. D., WECHSLER A. S., SPRATT J. A. & BRIGGS F. N.* **496**, 221, 1996

BRISMAR T. *see HYLLIENMARK L. & BRISMAR T.* **496**, 155, 1996

BROCKHAUS J. *see BALLANYI K., DOUTHEIL J. & BROCKHAUS J.* **495**, 769, 1996

BRODWICK M.S. *see WRIGHT S. N., BRODWICK M. S. & BITTNER G. D.* **496**, 347, 1996

*see WRIGHT S. N., BRODWICK M. S. & BITTNER G. D.* **496**, 363, 1996

BROGREN E. *see HADDERS-ALGRA M., BROGREN E. & FORSSBERG H.* **493**, 273, 1996

*see HADDERS-ALGRA M., BROGREN E. & FORSSBERG H.* **493**, 289, 1996

BRONK J.R. *see TEMPLE C. S., BAILEY P. D., BRONK J. R. & BOYD C. A. R.* **494**, 795, 1996

BRONSTEIN A.M. *see CORNA S., ITO Y., VON BREVERN M., BRONSTEIN A. M. & GRESTY M. A.* **496**, 589, 1996

BROOKS P.A. *see TRAPP S., LÜCKERMANN M., BROOKS P. A. & BALLANYI K.* **496**, 695, 1996

BROOKS S.V.

*BROOKS S. V. & FAULKNER J. A.* The magnitude of the initial injury induced by stretches of maximally activated muscle fibres of mice and rats increases in old age **497**, 573, 1996

BROWN C.H.

*BROWN C. H., MUNRO G., MURPHY N. P., LENG G. & RUSSELL J. A.* Activation of oxytocin neurones by systemic cholecystokinin is unchanged by morphine dependence or withdrawal excitation in the rat **496**, 787, 1996

BROWN D.A. *see ALLEN T. G. J. & BROWN D. A.* **492**, 453, 1996

*see MOMIYAMA T., SIM J. A. & BROWN D. A.* **495**, 97, 1996

BROWN H.F. *see HO W.-K., EARM Y. E., LEE S. H., BROWN H. F. & NOBLE D.* **494**, 727, 1996

BROWN P.D. *see KIBBLE J. D., TREZISE A. E. O. & BROWN P. D.* **496**, 69, 1996

BROWN R.E.

*BROWN R. E. & REYMANN K. G.* Histamine $H_3$ receptor-mediated depression of synaptic transmission in the dentate gyrus of the rat *in vitro* **496**, 175, 1996

BRUCE S.A. *see PHILLIPS S. K., SANDERSON A. G., BIRCH K., BRUCE S. A. & WOLEDGE R. C.* **496**, 551, 1996

BRUHN T. *see KIEHN O., ERDAL J., EKEN T. & BRUHN T.* **492**, 173, 1996

BRUSSAARD A.B.

*BRUSSAARD A. B., KITS K. S. & DE VLIEGER T. A.* Postsynaptic mechanism of depression of GABAergic synapses by oxytocin in the supraoptic nucleus of immature rat **497**, 495, 1996

BRUTON J.D.

*BRUTON J. D., WESTERBLAD H., KATZ A. & LÄNNERGREN J.* Augmented force output in skeletal muscle fibres of *Xenopus* following a preceding bout of activity **493**, 211, 1996

*BRUTON J. D., LÄNNERGREN J. & WESTERBLAD H.* Effects of repetitive tetanic stimulation at long intervals on excitation–contraction coupling in frog skeletal muscle **495**, 15, 1996

BUCOSSI G.

*BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V.* Time-dependent current decline in cyclic GMP-gated bovine channels caused by point mutations in the pore region expressed in *Xenopus* oocytes **493**, 409, 1996

BUELL G. *see EVANS R. J., LEWIS C., VIRGINIO C., LUNDSTROM K., BUELL G., SURPRENANT A. & NORTH R. A.* **497**, 413, 1996

BUFFELLI M. *see PASINO E., BUFFELLI M., ARANCIO O., BUSETTO G., SALVIATI A. & CANGIANO A.* **497**, 457, 1996

BUFFIN-MEYER B.

*BUFFIN-MEYER B., MARSY S., BARLET-BAS C., CHEVAL L., YOUNES-IBRAHIM M., RAJERISON R. & DOUCET A.* Regulation of renal $Na^+,K^+$-ATPase in rat thick ascending limb during $K^+$ depletion: evidence for modulation of $Na^+$ affinity **490**, 623, 1996

BUFLER J.

*BUFLER J., KAHLERT S., TZARTOS S., TOYKA K. V., MAELICKE A. & FRANKE CH.* Activation and blockade of mouse muscle nicotinic channels by antibodies directed against the binding site of the acetylcholine receptor **492**, 107, 1996

*BUFLER J., WILHELM R., PARNAS H., FRANKE CH. & DUDEL J.* Open channel and competitive block of the embryonic form of the nicotinic receptor of mouse myotubes by (+)-tubocurarine **495**, 83, 1996

BUIJS R.M. *see HERMES M. L. H. J., CODERRE E. M., BUIJS R. M. & RENAUD L. P.* **496**, 749, 1996

BÜNEMANN M.

*BÜNEMANN M., BRANDTS B. & POTT L.* Downregulation of muscarinic $M_2$ receptors linked to $K^+$ current in cultured guinea-pig atrial myocytes **494**, 351, 1996

BURDYGA T.V.

*BURDYGA T. V., TAGGART M. J. & WRAY S.* An investigation into the mechanism whereby pH affects tension in guinea-pig ureteric smooth muscle **493**, 865, 1996

BURNASHEV N.

*BURNASHEV N., VILLARROEL A. & SAKMANN B.* Dimensions and ion selectivity of recombinant AMPA and kainate receptor channels and their dependence on Q/R site residues **496**, 165, 1996

BURNSTOCK G. *see RALEVIC V., HOYLE C. H. V., GOSS-SAMPSON M. A., MILLA P. J. & BURNSTOCK G.* **490**, 181, 1996

*see KING B. F., WANG S. & BURNSTOCK G.* **494**, 17, 1996

*see RUBINO A. & BURNSTOCK G.* **495**, 515, 1996

BUSCH A.E.

*BUSCH A. E., KOPP H.-G., WALDEGGER S., SAMARZIJA I., SÜßBRICH H., RABER G., KUNZELMANN K., RUPPERSBERG J. P. & LANG F.* Effect of isosorbiddinitrate on exogenously expressed slowly activating $K^+$ channels and endogenous $K^+$ channels in *Xenopus* oocytes **491**, 735, 1996

BUSCHMAN H.P.J.

*BUSCHMAN H. P. J., VAN DER LAARSE W. J., STIENEN G. J. M. & ELZINGA G.* Force-dependent and force-independent heat production in single slow- and fast-twitch muscle fibres from *Xenopus laevis* **496**, 503, 1996

BUSETTO G. *see PASINO E., BUFFELLI M., ARANCIO O., BUSETTO G., SALVIATI A. & CANGIANO A.* **497**, 457, 1996

BUSSE R. *see POPP R., BAUERSACHS J., HECKER M., FLEMING I. & BUSSE R.* **497**, 699, 1996

BUTLER J.E. *see TAYLOR J. L., BUTLER J. E., ALLEN G. M. & GANDEVIA S. C.* **490**, 519, 1996

*see GANDEVIA S. C., ALLEN G. M., BUTLER J. E. & TAYLOR J. L.* **490**, 529, 1996

BUYSE G. *see VOETS T., BUYSE G., TYTGAT J., DROOGMANS G., EGGERMONT J. & NILIUS B.* **495**, 441, 1996

BUZSÁKI G. *see TRAUB R. D., WHITTINGTON M. A., COLLING S. B., BUZSÁKI G. & JEFFERYS J. G. R.* **493**, 471, 1996

CAILLARD O. *see MCLEAN H. A., CAILLARD O., BEN-ARI Y. & GAIARSA J.* **496**, 471, 1996

CALLEWAERT G.

*CALLEWAERT G., EILERS J. & KONNERTH A.* Axonal calcium entry during fast 'sodium' action potentials in rat cerebellar Purkinje neurones **495**, 641, 1996

CALLISTER R.J.

*CALLISTER R. J. & WALMSLEY B.* Amplitude and time course of evoked and spontaneous synaptic currents in rat submandibular ganglion cells **490**, 149, 1996

CAMELLO P.

*CAMELLO P., GARDNER J., PETERSEN O. H. & TEPIKIN A. V.* Calcium dependence of calcium extrusion and calcium uptake in mouse pancreatic acinar cells **490**, 585, 1996

CAMPERO M.

*CAMPERO M., SERRA J. & OCHOA J. L.* C-polymodal nociceptors activated by noxious low temperature in human skin **497**, 565, 1996

CANEPARI M. *see BOTTINELLI R., CANEPARI M., PELLEGRINO M. A. & REGGIANI C.* **495**, 573, 1996

CANGIANO A. *see PASINO E., BUFFELLI M., ARANCIO O., BUSETTO G., SALVIATI A. & CANGIANO A.* **497**, 457, 1996

CAPOGNA M. *see BOSSU J.-L., CAPOGNA M., DEBANNE D., MCKINNEY R. A. & GÄHWILER B. H.* **495**, 367, 1996

CARBONE E. *see ALBILLOS A., GANDÍA L., MICHELENA P., GILABERT J.-A., DEL VALLE M., CARBONE E. & GARCÍA A. G.* **494**, 687, 1996

CARLEN P. L. *see ABDUL-GHANI M. A., VALIANTE T. A., CARLEN P. L. & PENNEFATHER P. S.* **496**, 139, 1996

*see ZHANG L., HAN D. & CARLEN P. L.* **496**, 395, 1996

CASADO M.

*CASADO M., LÓPEZ-GUAJARDO A., MELLSTRÖM B., NARANJO J. R. & LERMA J.* Functional *N*-methyl-D-aspartate receptors in clonal rat phaeochromocytoma cells **490**, 391, 1996

CASAS I. *see MILLS P. C., MARLIN D. J., DEMONCHEAUX E., SCOTT C., CASAS I., SMITH N. C. & HIGENBOTTAM T.* **495**, 863, 1996

CASE R. M. *see ISHIGURO H., STEWARD M. C., LINDSAY A. R. G. & CASE R. M.* **495**, 169, 1996

*see ISHIGURO H., STEWARD M. C., WILSON R. W. & CASE R. M.* **495**, 179, 1996

CERRETELLI P. *see NARICI M. V., BINZONI T., HILTBRAND E., FASEL J., TERRIER F. & CERRETELLI P.* **496**, 287, 1996

CHABAUD F. *see BARON A., FRIEDEN M., CHABAUD F. & BÉNY J.-L.* **493**, 691, 1996

CHAMPAGNAT J. *see HAJI A., PIERREFICHE O., TAKEDA R., FOUTZ A. S., CHAMPAGNAT J. & DENAVIT-SAUBIÉ M.* **495**, 851, 1996

CHAN H. C. *see KO W. H., CHAN H. C., CHENG CHEW S. B. & WONG P. Y. D.* **493**, 885, 1996

*see KO W. H., CHAN H. C. & WONG P. Y. D.* **497**, 19, 1996

CHATTERTON R. T. JR *see KOWALSKI W. B., CHATTERTON R. T. JR, KAZER R. R. & SEVERINI T. A.* **493**, 877, 1996

CHEN A.

*CHEN A. & KAUFMAN S.* Splenic blood flow and fluid efflux from the intravascular space in the rat **490**, 493, 1996

CHEN C.

*CHEN C. & CLARKE I. J.* $G_o$-2 protein mediates the reduction in $Ca^{2+}$ currents by somatostatin in cultured ovine somatotrophs **491**, 21, 1996

CHEN F. S. P. *see FEDIDA D., BOUCHARD R. & CHEN F. S. P.* **494**, 377, 1996

CHEN G.

*CHEN G., TROMBLEY P. Q. & VAN DEN POL A. N.* Excitatory actions of GABA in developing rat hypothalamic neurones **494**, 451, 1996

CHEN J. *see YAN G.-X., CHEN J., YAMADA K. A., KLÉBER A. G. & CORR P. B.* **490**, 215, 1996

*see AUERBACH A., SIGURDSON W., CHEN J. & AKK G.* **494**, 155, 1996

CHEN Y.

*CHEN Y. & PENINGTON N. J.* Differential effects of protein kinase C activation on 5-$HT_{1A}$ receptor coupling to $Ca^{2+}$ and $K^+$ currents in rat serotonergic neurones **496**, 129, 1996

CHENG H. *see GÓMEZ A. M., CHENG H., LEDERER W. J. & BERS D. M.* **496**, 575, 1996

CHENG CHEW S. B. *see KO W. H., CHAN H. C., CHENG CHEW S. B. & WONG P. Y. D.* **493**, 885, 1996

CHERON G. *see GODAUX E. & CHERON G.* **492**, 517, 1996

CHEVAL L. *see BUFFIN-MEYER B., MARSY S., BARLET-BAS C., CHEVAL L., YOUNES-IBRAHIM M., RAJERISON R. & DOUCET A.* **490**, 623, 1996

CHIAMVIMONVAT N.

*CHIAMVIMONVAT N., PÉREZ-GARCÍA M. T., TOMASELLI G. F. & MARBAN E.* Control of ion flux and selectivity by negatively charged residues in the outer mouth of rat sodium channels **491**, 51, 1996

*see BALSER J. R., NUSS H. B., CHIAMVIMONVAT N., PÉREZ-GARCÍA M. T., MARBAN E. & TOMASELLI G. F.* **494**, 431, 1996

CHIN E. R.

*CHIN E. R. & ALLEN D. G.* The role of elevations in intracellular $[Ca^{2+}]$ in the development of low frequency fatigue in mouse single muscle fibres **491**, 813, 1996

CHIZHMAKOV I. V.

*CHIZHMAKOV I. V., GERAGHTY F. M., OGDEN D. C., HAYHURST A., ANTONIOU M. & HAY A. J.* Selective proton permeability and pH regulation of the influenza virus M2 channel expressed in mouse erythroleukaemia cells **494**, 329, 1996

CHOW A. R. *see GRIFFIN J. D., KAPLE M. L., CHOW A. R. & BOULANT J. A.* **492**, 231, 1996

CHRISTIE M. J. *see VAUGHAN C. W., BANDLER R. & CHRISTIE M. J.* **490**, 373, 1996

*see OSBORNE P. B., VAUGHAN C. W., WILSON H. I. & CHRISTIE M. J.* **490**, 383, 1996

CHU S.

*CHU S. & MONTROSE M. H.* Non-ionic diffusion and carrier-mediated transport drive extracellular pH regulation of mouse colonic crypts **494**, 783, 1996

CHUA A. C. G.

*CHUA A. C. G., STONELL L. M., SAVIGNI D. L. & MORGAN E. H.* Mechanisms of manganese transport in rabbit erythroid cells **493**, 99, 1996

CHURCH J. *see BAXTER K. A. & CHURCH J.* **493**, 457, 1996

CHURCH P. J.

*CHURCH P. J. & STANLEY E. F.* Single L-type calcium channel conductance with physiological levels of calcium in chick ciliary ganglion neurons **496**, 59, 1996

CIBELLA F.

*CIBELLA F., CUTTITTA G., KAYSER B., NARICI M., ROMANO S. & SAIBENE F.* Respiratory mechanics during exhaustive submaximal exercise at high altitude in healthy humans **494**, 881, 1996

CIRANNA L.

*CIRANNA L., FELTZ P. & SCHLICHTER R.* Selective inhibition of high voltage-activated L-type and Q-type $Ca^{2+}$ currents by serotonin in rat melanotrophs **490**, 595, 1996

CLAFLIN D. R. *see MORGAN D. L., CLAFLIN D. R. & JULIAN F. J.* **497**, 665, 1996

CLARK K. A.

*CLARK K. A. & COLLINGRIDGE G. L.* Evidence that heterosynaptic depolarization underlies associativity of long-term potentiation in rat hippocampus **490**, 455, 1996

CLARKE I. J. *see CHEN C. & CLARKE I. J.* **491**, 21, 1996

CLARSON L. H. *see GREENWOOD S. L., CLARSON L. H., SIDES M. K. & SIBLEY C. P.* **492**, 629, 1996

*CLARSON L. H., GLAZIER J. D., GREENWOOD S. L., JONES C. J., SIDES M. K. & SIBLEY C. P.* Activity and expression of $Na^+$–$K^+$-ATPase in human placental cytotrophoblast cells in culture **497**, 735, 1996

CLEMENT I. D.

*CLEMENT I. D., PANDIT J. J., BASCOM D. A. & ROBBINS P. A.* Ventilatory chemoreflexes at rest following a brief period of heavy exercise in man **495**, 875, 1996

CLÉMENT-CHOMIENNE O.

*CLÉMENT-CHOMIENNE O., WALSH M. P. & COLE W. C.* Angiotensin II activation of protein kinase C decreases delayed rectifier $K^+$ current in rabbit vascular myocytes **495**, 689, 1996

CLEMENTS D. K. *see*

*WARNER A., CLEMENTS D. K., PARIKH S., EVANS W. H. & DEHAAN R. L.* **490**, 827 1996

COCKELL A. P.

*COCKELL A. P. & POSTON L.* Isolated mesenteric arteries from pregnant rats show enhanced flow-mediated relaxation but normal myogenic tone **495**, 545, 1996

CODERRE E. M. *see HERMES M. L. H. J., CODERRE E. M., BUIJS R. M. & RENAUD L. P.* **496**, 749, 1996

COHEN G.

*COHEN G. & HENDERSON-SMART D. J.* The characteristics and frequency of augmented breaths during $CO_2$-induced hyperpnoea of newborn infants **490**, 551, 1996

COHEN I. S. *see GAO J., MATHIAS R. T., COHEN I. S., SHI J. & BALDO G. J.* **494**, 697, 1996

COLE W. C. *see CLÉMENT-CHOMIENNE O., WALSH M. P. & COLE W. C.* **495**, 689, 1996

*see MORALES E., COLE W. C., REMILLARD C. V. & LEBLANC N.* **495**, 701, 1996

COLES J. A.

*COLES J. A., MARCAGGI P., VÉGA C. & COTILLON N.* Effects of photoreceptor metabolism on interstitial and glial cell pH in bee retina: evidence of a role for $NH_4^+$ **495**, 305, 1996

COLES S.K.
*COLES S. K. & DICK T. E.* Neurones in the ventrolateral pons are required for post-hypoxic frequency decline in rats **497**, 79, 1996

COLLING S.B. *see TRAUB R. D., WHITTINGTON M. A., COLLING S. B., BUZSÁKI G. & JEFFERYS J. G. R.* **493**, 471, 1996

COLLINGRIDGE G.L. *see CLARK K. A. & COLLINGRIDGE G. L.* **490**, 455, 1996
*see DAVIES C. H. & COLLINGRIDGE G. L.* **496**, 451, 1996

COLLINS D.F.
*COLLINS D. F. & PROCHAZKA A.* Movement illusions evoked by ensemble cutaneous input from the dorsum of the human hand **496**, 857, 1996

COLOMBO G. *see DIETZ V. & COLOMBO G.* **497**, 849, 1996

COLQUHOUN D. *see SILVER R. A., COLQUHOUN D., CULL-CANDY S. G. & EDMONDS B.* **493**, 167, 1996

COMTOIS N. *see SINDERBY C., LINDSTRÖM L., COMTOIS N. & GRASSINO A. E.* **490**, 207, 1996

CONN P.J. *see WINDER D. G., RITCH P. S., GEREAU R. W. IV & CONN P. J.* **494**, 743, 1996

CONNOLLY C.N. *see KRISHEK B. J., AMATO A., CONNOLLY C. N., MOSS S. J. & SMART T. G.* **492**, 431, 1996

CONNOR J.A. *see OTANI S. & CONNOR J. A.* **492**, 225, 1996
*see KNOX R. J., JONAS E. A., KAO L.-S., SMITH P. J. S., CONNOR J. A. & KACZMAREK L. K.* **494**, 627, 1996

CONNORS B.W. *see NICOLL A., KIM H. G. & CONNORS B. W.* **497**, 109, 1996

CONTRERAS D.
*CONTRERAS D. & STERIADE M.* Spindle oscillation in cats: the role of corticothalamic feedback in a thalamically generated rhythm **490**, 159, 1996
*CONTRERAS D., TIMOFEEV I. & STERIADE M.* Mechanisms of long-lasting hyperpolarizations underlying slow sleep oscillations in cat corticothalamic networks **494**, 251, 1996
*see TIMOFEEV I., CONTRERAS D. & STERIADE M.* **494**, 265, 1996

COOK D.I. *see STEWARD M. C., PORONNIK P. & COOK D. I.* **494**, 819, 1996

COOPER G.J.
*COOPER G. J. & HUNTER M.* Role of *de novo* protein synthesis and calmodulin in rapid activation of $Na^+$–$H^+$ exchange by aldosterone in frog diluting segment **491**, 219, 1996

CORFIELD D.R. *see FINK G. R., ADAMS L., WATSON J. D. G., INNES J. A., WUYAM B., KOBAYASHI I., CORFIELD D. R., MURPHY K., JONES T., FRACKOWIAK R. S. J. & GUZ A.* **494**, 908, 1996

CORNA S.
*CORNA S., ITO Y., VON BREVERN M., BRONSTEIN A. M. & GRESTY M. A.* Reflex 'unloading' and 'defensive capitulation' responses in human neck muscle **496**, 589, 1996

CORNWALL M.C. *see MATTHEWS H. R., FAIN G. L. & CORNWALL M. C.* **490**, 293, 1996

CORR P.B. *see YAN G.-X., CHEN J., YAMADA K. A., KLÉBER A. G. & CORR P. B.* **490**, 215, 1996

COSTANZO U. *see FRANZECK U. K., FISCHER M., COSTANZO U., HERRIG I. & BOLLINGER A.* **494**, 595, 1996

COTA G. *see GOMORA J. C., AVILA G. & COTA G.* **492**, 763, 1996

COTILLON N. *see COLES J. A., MARCAGGI P., VÉGA C. & COTILLON N.* **495**, 305, 1996

COYLE E.F. *see MORA-RODRÍGUEZ R., GONZÁLEZ-ALONSO J., BELOW P. R. & COYLE E. F.* **491**, 529, 1996

CRAVISO G.L. *see TODOROV L. D., MIHAYLOVA-TODOROVA S., CRAVISO G. L., BJUR R. A. & WESTFALL D. P.* **496**, 731, 1996

CRESSWELL A.G. *see LÖSCHER W. N., CRESSWELL A. G. & THORSTENSSON A.* **491**, 271, 1996

CROMPTON M. *see LEYSSENS A., NOWICKY A. V., PATTERSON L., CROMPTON M. & DUCHEN M. R.* **496**, 111, 1996

CROWE M.J. *see VON DER WEID P.-Y., CROWE M. J. & VAN HELDEN D. F.* **493**, 563, 1996

CRUNELLI V. *see WILLIAMS S. R., TURNER J. P., ANDERSON C. M. & CRUNELLI V.* **490**, 129, 1996

CSERNOCH L. *see SÁRKÖZI S., SZENTESI P., JONA I. & CSERNOCH L.* **495**, 611, 1996

CUDEIRO J.
*CUDEIRO J. & SILLITO A. M.* Spatial frequency tuning of orientation-discontinuity-sensitive corticofugal feedback to the cat lateral geniculate nucleus **490**, 481, 1996

CUEVAS J.
*CUEVAS J. & ADAMS D. J.* Vasoactive intestinal polypeptide modulation of nicotinic ACh receptor channels in rat intracardiac neurones **493**, 503, 1996

CUI L.-N.
*CUI L.-N. & DYBALL R. E. J.* Synaptic input from the retina to the suprachiasmatic nucleus changes with the light–dark cycle in the Syrian hamster **497**, 483, 1996

CULL-CANDY S.G. *see SWANSON G. T., FELDMEYER D., KANEDA M. & CULL-CANDY S. G.* **492**, 129, 1996

CULL-CANDY S.G. *see SILVER R. A., COLQUHOUN D., CULL-CANDY S. G. & EDMONDS B.* **493**, 167, 1996
*see SILVER R. A., CULL-CANDY S. G. & TAKAHASHI T.* **494**, 231, 1996
*see MOMIYAMA A., FELDMEYER D. & CULL-CANDY S. G.* **494**, 479, 1996
*see BRICKLEY S. G., CULL-CANDY S. G. & FARRANT M.* **497**, 753, 1996

CUMMINS T.R. *see BEVENSEE M. O., CUMMINS T. R., HADDAD G. G., BORON W. F. & BOYARSKY G.* **494**, 315, 1996

CUNNANE T.C. *see SMITH A. B. & CUNNANE T. C.* **497**, 657, 1996

CUPIDO C.M.
*CUPIDO C. M., GALEA V. & MCCOMAS A. J.* Potentiation and depression of the M wave in human biceps brachii **491**, 541, 1996

CUTTITTA G. *see CIBELLA F., CUTTITTA G., KAYSER B., NARICI M., ROMANO S. & SAIBENE F.* **494**, 881, 1996

CZEISLER C.A. *see DUFFY J. F., KRONAUER R. E. & CZEISLER C. A.* **495**, 289, 1996

CZEPITA D. *see REID S. N. M., DAW N. W., CZEPITA D., FLAVIN H. J. & SESSA W. C.* **494**, 511, 1996

DABIN I. *see KUSAKA S., DABIN I., BARNSTABLE C. J. & PURO D. G.* **497**, 813, 1996

DALLMAN J.E. *see GREAVES A. A., DAVIS A. K., DALLMAN J. E. & MOODY W. J.* **497**, 39, 1996

DANG S. *see GERTHOFFER W. T., YAMBOLIEV I. A., SHEARER M., POHL J., HAYNES R., DANG S., SATO K. & SELLERS J. R.* **495**, 597, 1996

DANIEL H. *see DÖRING F., DORN D., BACHFISCHER U., AMASHEH S., HERGET M. & DANIEL H.* **497**, 773, 1996

DARNALL R.A. *see WANG W., FUNG M.-L., DARNALL R. A. & ST JOHN W. M.* **490**, 277, 1996

DART C. *see QUAYLE J. M., DART C. & STANDEN N. B.* **494**, 715, 1996

DAUGAARD J.R. *see ASP S., DAUGAARD J. R., KRISTIANSEN S., KIENS B. & RICHTER E. A.* **494**, 891, 1996

DAUT J. *see VON BECKERATH N., DITTRICH M., KLIEBER H.-G. & DAUT J.* **491**, 357, 1996

DAVIDSON N. *see KOFUJI P., DOUPNIK C. A., DAVIDSON N. & LESTER H. A.* **490**, 633, 1996

DAVIES C.H.
*DAVIES C. H. & COLLINGRIDGE G. L.* Regulation of EPSPs by the synaptic activation of $GABA_B$ autoreceptors in rat hippocampus **496**, 451, 1996

DAVIES N.W.
*DAVIES N. W., MCKILLEN H.-C., STANFIELD P. R. & STANDEN N. B.* A rate theory model for $Mg^{2+}$ block of ATP-dependent potassium channels of rat skeletal muscle **490**, 817, 1996
*see ABRAMS C. J., DAVIES N. W., SHELTON P. A. & STANFIELD P. R.* **493**, 643, 1996

DAVIES P.J.
*DAVIES P. J., IRELAND D. R. & MCLACHLAN E. M.* Sources of $Ca^{2+}$ for different $Ca^{2+}$-activated $K^+$ conductances in neurones of the rat superior cervical ganglion **495**, 353, 1996

DAVIES R.O. *see WOCH G., DAVIES R. O., PACK A. I. & KUBIN L.* **490**, 745, 1996

DAVIS A.K. *see GREAVES A. A., DAVIS A. K., DALLMAN J. E. & MOODY W. J.* **497**, 39, 1996

DAVIS J.P.L.
*DAVIS J. P. L.* Evidence against a contribution by $Na^+$–$Cl^-$ cotransport to chloride accumulation in rat arterial smooth muscle **491**, 61, 1996

DAVISON J.S. *see LANG M. E., DAVISON J. S., BATES S. L. & MEDDINGS J. B.* **497**, 161, 1996

DAW N.W. *see REID S. N. M., DAW N. W., CZEPITA D., FLAVIN H. J. & SESSA W. C.* **494**, 511, 1996

DAWSON T.M. *see RUTHAZER E. S., GILLESPIE D. C., DAWSON T. M., SNYDER S. H. & STRYKER M. P.* **494**, 519, 1996

DAYANITHI G.
*DAYANITHI G., WIDMER H. & RICHARD PH.* Vasopressin-induced intracellular $Ca^{2+}$ increase in isolated rat supraoptic cells **490**, 713, 1996

DEBANNE D.
*DEBANNE D., GUÉRINEAU N. C., GÄHWILER B. H. & THOMPSON S. M.* Paired-pulse facilitation and depression at unitary synapses in rat hippocampus: quantal fluctuation affects subsequent release **491**, 163, 1996

*see* BOSSU J.-L., CAPOGNA M., DEBANNE D., MCKINNEY R. A. & GÄHWILER B. H. **495**, 367, 1996

DECRAMER M. *see* LEGRAND A., BRANCATISANO A., DECRAMER M. & DE TROYER A. **495**, 247, 1996

DEFELICE L.J. *see* RISSO S., DEFELICE L. J. & BLAKELY R. D. **490**, 691, 1996

DE GROAT W.C. *see* YOSHIMURA N., WHITE G., WEIGHT F. F. & DE GROAT W. C. **494**, 1, 1996

*see* SOMOGYI G. T., TANOWITZ M., ZERNOVA G. & DE GROAT W. C. **496**, 245, 1996

DE HAAN A. *see* SANT' ANA PEREIRA J. A. A., SARGEANT A. J., RADEMAKER A. C. H. J., DE HAAN A. & VAN MECHELEN W. **496**, 583, 1996

DEHAAN R.L.

*see* WARNER A., CLEMENTS D. K., PARIKH S., EVANS W. H. & DEHAAN R. L. **490**, 827 1996

DE JONG M.D. *see* VAN BAAL J., DE JONG M. D., ZIJLSTRA F. J., WILLEMS P. H. G. M. & BINDELS R. J. M. **497**, 229, 1996

DEL VALLE M. *see* ALBILLOS A., GANDÍA L., MICHELENA P., GILABERT J.-A., DEL VALLE M., CARBONE E. & GARCÍA A. G. **494**, 687, 1996

DEMONCHEAUX E. *see* MILLS P. C., MARLIN D. J., DEMONCHEAUX E., SCOTT C., CASAS I., SMITH N. C. & HIGENBOTTAM T. **495**, 863, 1996

DENAVIT-SAUBIÉ M. *see* HAJI A., PIERREFICHE O., TAKEDA R., FOUTZ A. S., CHAMPAGNAT J. & DENAVIT-SAUBIÉ M. **495**, 851, 1996

*see* KATO F., MORIN-SURUN M.-P. & DENAVIT-SAUBIÉ M. **497**, 539, 1996

DENG Y.

*DENG Y. & KAUFMAN S.* Influence of atrial natriuretic factor on fluid efflux from the splenic circulation of the rat **491**, 225, 1996

DENT J. *see* ANVARI M., DENT J. & JAMIESON G. G. **494**, 907, 1996

DESAPHY J.-F.

*DESAPHY J.-F., ROGIER C. & JOFFRE M.* Modulation of $K^+$ conductances by $Ca^{2+}$ and human chorionic gonadotrophin in Leydig cells from mature rat testis **495**, 23, 1996

DE SERRES S.J. *see* BENNETT D. J., DE SERRES S. J. & STEIN R. B. **495**, 835, 1996

*see* BENNETT D. J., DE SERRES S. J. & STEIN R. B. **496**, 837, 1996

DESMEDT J.E. *see* TOMBERG C. & DESMEDT J. E. **496**, 559, 1996

DE TROYER A.

*DE TROYER A.* Rib motion modulates inspiratory intercostal activity in dogs **492**, 265, 1996

*DE TROYER A., LEGRAND A. & WILSON T. A.* Rostrocaudal gradient of mechanical advantage in the parasternal intercostal muscles of the dog **495**, 239, 1996

*see* LEGRAND A., BRANCATISANO A., DECRAMER M. & DE TROYER A. **495**, 247, 1996

DEUCHARS J. *see* THOMSON A. M., WEST D. C., HAHN J. & DEUCHARS J. **496**, 81, 1996

DE VLIEGER T.A *see* BRUSSAARD A. B., KITS K. S. & DE VLIEGER T. A. **497**, 495, 1996

DHILLON D.P. *see* SMITH R. P., SHELLARD R., DHILLON D. P., WINTER J. & MEHTA A. **496**, 883, 1996

DIAZ J. *see* XU X., DIAZ J., ZHAO H. & MUALLEM S. **491**, 647, 1996

DICK T. E. *see* COLES S. K. & DICK T. E. **497**, 79, 1996

DIETZ V.

*DIETZ V. & COLOMBO G.* Effects of body immersion on postural adjustments to voluntary arm movements in humans: role of load receptor input **497**, 849, 1996

DIFRANCESCO D. *see* ZAZA A., ROBINSON R. B. & DIFRANCESCO D. **491**, 347, 1996

*see* BARUSCOTTI M., DIFRANCESCO D. & ROBINSON R. B. **492**, 21, 1996

DIMALINE R.

*DIMALINE R. & STRUTHERS J.* Expression and regulation of a vesicular monoamine transporter in rat stomach: a putative histamine transporter **490**, 249, 1996

DITTRICH M. *see* VON BECKERATH N., DITTRICH M., KLIEBER H.-G. & DAUT J. **491**, 357, 1996

DOCHERTY R.J. *see* ENGLAND S., BEVAN S. & DOCHERTY R. J. **495**, 429, 1996

DOMINGUEZ-PERROT C.

*DOMINGUEZ-PERROT C., FELTZ P. & POULTER M. O.* Recombinant $GABA_A$ receptor desensitization: the role of the $\gamma 2$ subunit and its physiological significance **497**, 145, 1996

DONEVAN S.D. *see* RHO J. M., DONEVAN S. D. & ROGAWSKI M. A. **497**, 509, 1996

DÖRING F.

*DÖRING F., DORN D., BACHFISCHER U., AMASHEH S., HERGET M. & DANIEL H.* Functional analysis of a chimeric mammalian peptide transporter derived from the intestinal and renal isoforms **497**, 773, 1996

DORN D. *see* DÖRING F., DORN D., BACHFISCHER U., AMASHEH S., HERGET M. & DANIEL H. **497**, 773, 1996

DOUCET A. *see* BUFFIN-MEYER B., MARSY S., BARLET-BAS C., CHEVAL L., YOUNES-IBRAHIM M., RAJERISON R. & DOUCET A. **490**, 623, 1996

DOUPNIK C.A. *see* KOFUJI P., DOUPNIK C. A., DAVIDSON N. & LESTER H. A. **490**, 633, 1996

DOUTHEIL J. *see* BALLANYI K., DOUTHEIL J. & BROCKHAUS J. **495**, 769, 1996

DØVING K.B. *see* TROTIER D. & DØVING K. B. **490**, 611, 1996

DRINKHILL M.J.

*DRINKHILL M. J., MCMAHON N. C. & HAINSWORTH R.* Delayed sympathetic efferent responses to coronary baroreceptor unloading in anaesthetized dogs **497**, 261, 1996

DROOGMANS G. *see* VOETS T., BUYSE G., TYTGAT J., DROOGMANS G., EGGERMONT J. & NILIUS B. **495**, 441, 1996

*see* VOETS T., DROOGMANS G. & NILIUS B. **497**, 95, 1996

DRUMMOND R.M. *see* MCGEOWN J. G., DRUMMOND R. M., MCCARRON J. G. & FAY F. S. **497**, 321, 1996

DUBELL W.H.

*DUBELL W. H., LEDERER W. J. & ROGERS T. B.* Dynamic modulation of excitation–contraction coupling by protein phosphatases in rat ventricular myocytes **493**, 793, 1996

DUCHEN M.R. *see* LEYSSENS A., NOWICKY A. V., PATTERSON L., CROMPTON M. & DUCHEN M. R. **496**, 111, 1996

DUDEL J. *see* BUFLER J., WILHELM R., PARNAS H., FRANKE CH. & DUDEL J. **495**, 83, 1996

DUFFIN J. *see* ISCOE S. & DUFFIN J. **497**, 803, 1996

DUFFY J.F.

*DUFFY J. F., KRONAUER R. E. & CZEISLER C. A.* Phase-shifting human circadian rhythms: influence of sleep timing, social contact and light exposure **495**, 289, 1996

DULON D. *see* SUGASAWA M., EROSTEGUI C., BLANCHET C. & DULON D. **491**, 707, 1996

DUN N.J. *see* WU S. Y. & DUN N. J. **495**, 479, 1996

DURON B. *see* KHATER-BOIDIN J., ROSE D. & DURON B. **495**, 255, 1996

DYBALL R.E.J. *see* CUI L.-N. & DYBALL R. E. J. **497**, 483, 1996

EARM Y.E. *see* HO W.-K., EARM Y. E., LEE S. H., BROWN H. F. & NOBLE D. **494**, 727, 1996

EASTWOOD C. *see* RICHARDS W., HILLSLEY K., EASTWOOD C. & GRUNDY D. **497**, 473, 1996

EBUS J.P.

*EBUS J. P. & STIENEN G. J. M.* Origin of concurrent ATPase activities in skinned cardiac trabeculae from rat **492**, 675, 1996

ECKBERG D.L. *see* HALLIWILL J. R., TAYLOR J. A. & ECKBERG D. L. **495**, 279, 1996

EDELMAN A. *see* FRITSCH J. & EDELMAN A. **490**, 115, 1996

EDGLEY S.A. *see* AGGELOPOULOS N. C., BAWA P. & EDGLEY S. A. **497**, 795, 1996

EDMAN K.A.P.

*EDMAN K. A. P. & TSUCHIYA T.* Strain of passive elements during force enhancement by stretch in frog muscle fibres **490**, 191, 1996

EDMONDS B. *see* SILVER R. A., COLQUHOUN D., CULL-CANDY S. G. & EDMONDS B. **493**, 167, 1996

EGGERMONT J. *see* VOETS T., BUYSE G., TYTGAT J., DROOGMANS G., EGGERMONT J. & NILIUS B. **495**, 441, 1996

EHARA T. *see* MATSUURA H., TSURUHARA Y., SAKAGUCHI M. & EHARA T. **490**, 647, 1996

*see* MATSUURA H., SAKAGUCHI M., TSURUHARA Y. & EHARA T. **490**, 659, 1996

*see* MATSUURA H. & EHARA T. **497**, 379, 1996

EHRHARDT A.G.

*EHRHARDT A. G., FRANKISH N. & ISENBERG G.* A large-conductance $K^+$ channel that is inhibited by the cytoskeleton in the smooth muscle cell line $DDT_1$ MF-2 **496**, 663, 1996

EILERS J. *see* CALLEWAERT G., EILERS J. & KONNERTH A. **495**, 641, 1996

EISMANN E. *see* BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V. **493**, 409, 1996

EKEN T. *see* KIEHN O., ERDAL J., EKEN T. & BRUHN T. **492**, 173, 1996

ELIASSON L.

*ELIASSON L., PROKS P., ÄMMÄLÄ C., ASHCROFT F. M., BOKVIST K., RENSTRÖM E., RORSMAN P. & SMITH P. A.* Endocytosis of secretory granules in mouse pancreatic $\beta$-cells evoked by transient elevation of cytosolic calcium **493**, 755, 1996

*see* RENSTRÖM E., ELIASSON L., BOKVIST K. & RORSMAN P. **494**, 41, 1996

*see* PROKS P., ELIASSON L., ÄMMÄLÄ C., RORSMAN P. & ASHCROFT F. M. **496**, 255, 1996

ELLIOTT A.C. *see* EVANS R. L., ASHTON N., ELLIOTT A. C., GREEN R. & ARGENT B. E. **496**, 265, 1996

ELLIOTT S.J. *see* KOLIWAD S. K., KUNZE D. L. & ELLIOTT S. J. **491**, 1, 1996

*see* KOLIWAD S. K., ELLIOTT S. J. & KUNZE D. L. **495**, 37, 1996

ELLORY J.C. *see* GODART H. & ELLORY J. C. **491**, 423, 1996

ELNAZIR B.

*ELNAZIR B., MARSHALL J. M. & KUMAR P.* Postnatal development of the pattern of respiratory and cardiovascular response to systemic hypoxia in the piglet: the roles of adenosine **492**, 573, 1996

ELZINGA G. *see* BUSCHMAN H. P. J., VAN DER LAARSE W. J., STIENEN G. J. M. & ELZINGA G. **496**, 503, 1996

ENDLICH K.

*ENDLICH K., HOFFEND J. & STEINHAUSEN M.* Localization of endothelin $ET_A$ and $ET_B$ receptor-mediated constriction in the renal microcirculation of rats **497**, 211, 1996

ENDO K. *see* HORI Y., ENDO K. & TAKAHASHI T. **492**, 867, 1996

ENGLAND S.

*ENGLAND S., BEVAN S. & DOCHERTY R. J.* $PGE_2$ modulates the tetrodotoxin-resistant sodium current in neonatal rat dorsal root ganglion neurones via the cyclic AMP–protein kinase A cascade **495**, 429, 1996

ERDAL J. *see* KIEHN O., ERDAL J., EKEN T. & BRUHN T. **492**, 173, 1996

ERDBRÜGGER W. *see* BISCHOFF A., ERDBRÜGGER W., SMITS J. & MICHEL M. C. **495**, 525, 1996

ERONEN E. *see* RAITAKARI M., NUUTILA P., RUOTSALAINEN U., TERÄS M., ERONEN E., LAINE H., RAITAKARI O. T., IIDA H., KNUUTI M. J. & YKI-JÄRVINEN H. **496**, 543, 1996

EROSTEGUI C. *see* SUGASAWA M., EROSTEGUI C., BLANCHET C. & DULON D. **491**, 707, 1996

ESLER M.D. *see* WALLIN B. G., THOMPSON J. M., JENNINGS G. L. & ESLER M. D. **491**, 881, 1996

EVANS A.M.

*EVANS A. M., OSIPENKO O. N. & GURNEY A. M.* Properties of a novel $K^+$ current that is active at resting potential in rabbit pulmonary artery smooth muscle cells **496**, 407, 1996

EVANS M.G.

*EVANS M. G.* Acetylcholine activates two currents in guinea-pig outer hair cells **491**, 563, 1996

EVANS R.J.

*EVANS R. J., LEWIS C., VIRGINIO C., LUNDSTROM K., BUELL G., SURPRENANT A. & NORTH R. A.* Ionic permeability of, and divalent cation effects on, two ATP-gated cation channels (P2X receptors) expressed in mammalian cells **497**, 413, 1996

EVANS R.L.

*EVANS R. L., ASHTON N., ELLIOTT A. C., GREEN R. & ARGENT B. E.* Interactions between secretin and acetylcholine in the regulation of fluid secretion by isolated rat pancreatic ducts **496**, 265, 1996

EVANS W.H.

*see* WARNER A., CLEMENTS D. K., PARIKH S., EVANS W. H. & DEHAAN R. L. **490**, 827 1996

FAIN G.L. *see* MATTHEWS H. R., FAIN G. L. & CORNWALL M. C. **490**, 293, 1996

FAN Z.

*FAN Z., GEORGE A. L. JR, KYLE J. W. & MAKIELSKI J. C.* Two human paramyotonia congenita mutations have opposite effects on lidocaine block of $Na^+$ channels expressed in a mammalian cell line **496**, 275, 1996

FARAVELLI L.

*FARAVELLI L., ARCANGELI A., OLIVOTTO M. & WANKE E.* A HERG-like $K^+$ channel in rat F-11 DRG cell line: pharmacological identification and biophysical characterization **496**, 13, 1996

FARRANT M. *see* BRICKLEY S. G., CULL-CANDY S. G. & FARRANT M. **497**, 753, 1996

FASEL J. *see* NARICI M. V., BINZONI T., HILTBRAND E., FASEL J., TERRIER F. & CERRETELLI P. **496**, 287, 1996

FAULKNER J.A. *see* KADHIRESAN V. A., HASSETT C. A. & FAULKNER J. A. **493**, 543, 1996

*see* BROOKS S. V. & FAULKNER J. A. **497**, 573, 1996

FAY F.S. *see* MCGEOWN J. G., DRUMMOND R. M., MCCARRON J. G. & FAY F. S. **497**, 321, 1996

FEDIDA D.

*FEDIDA D., BOUCHARD R. & CHEN F. S. P.* Slow gating charge immobilization in the human potassium channel Kv1.5 and its prevention by 4-aminopyridine **494**, 377, 1996

FEHER J.J. *see* ZHANG K.-M., HU P., WANG S.-W., FEHER J. J., WRIGHT L. D., WECHSLER A. S., SPRATT J. A. & BRIGGS F. N. **496**, 211, 1996

*see* HU P., ZHANG K.-M., FEHER J. J., WANG S.-W., WRIGHT L. D., WECHSLER A. S., SPRATT J. A. & BRIGGS F. N. **496**, 221, 1996

FELDMEYER D. *see* SWANSON G. T., FELDMEYER D., KANEDA M. & CULL-CANDY S. G. **492**, 129, 1996

*see* MOMIYAMA A., FELDMEYER D. & CULL-CANDY S. G. **494**, 479, 1996

FELTZ P. *see* CIRANNA L., FELTZ P. & SCHLICHTER R. **490**, 595, 1996

*see* BORDEY A., FELTZ P. & TROUSLARD J. **490**, 673, 1996

*see* DOMINGUEZ-PERROT C., FELTZ P. & POULTER M. O. **497**, 145, 1996

*see* BORDEY A., FELTZ P. & TROUSLARD J. **497**, 175, 1996

FENECH C.J. *see* GORDIENKO D. V., TARE M., PARVEEN S., FENECH C. J., ROBINSON C. & BOLTON T. B. **496**, 299, 1996

FENG J. *see* YUE L., FENG J., LI G.-R. & NATTEL S. **496**, 647, 1996

FERNANDEZ J.M. *see* ROBINSON I. M., KINNICK R. R., GREENLEAF J. F. & FERNANDEZ J. M. **492**, 257, 1996

FERNÁNDEZ-ALONSO A. *see* MIÑANO F. J., FERNÁNDEZ-ALONSO A., MYERS R. D. & SANCIBRIÁN M. **491**, 209, 1996

FETTIPLACE R. *see* TUCKER T. R. & FETTIPLACE R. **494**, 613, 1996

FERRO P.A. *see* KATZ E., FERRO P. A., WEISZ G. & UCHITEL O. D. **497**, 687, 1996

FIELD A.C. *see* STRICKER C., FIELD A. C. & REDMAN S. J. **490**, 419, 1996

*see* STRICKER C., FIELD A. C. & REDMAN S. J. **490**, 443, 1996

FIELD M.J. *see* POLLOCK C. A., NOBES M. S., GYORY A. Z., HENG P. T. & FIELD M. J. **490**, 257, 1996

FIERRO L.

*FIERRO L. & LLANO I.* High endogenous calcium buffering in Purkinje cells from rat cerebellar slices **496**, 617, 1996

FILIPPOVA N. *see* MEDINA I., FILIPPOVA N., BAKHRAMOV A. & BREGESTOVSKI P. **495**, 411, 1996

FILLENZ M. *see* FRAY A. E., FORSYTH R. J., BOUTELLE M. G. & FILLENZ M. **496**, 49, 1996

*see* MIELE M., BOUTELLE M. G. & FILLENZ M. **497**, 745, 1996

FINK G.R.

*FINK G. R., ADAMS L., WATSON J. D. G., INNES J. A., WUYAM B., KOBAYASHI I., CORFIELD D. R., MURPHY K., JONES T., FRACKOWIAK R. S. J. & GUZ A.* Erratum: *Journal of Physiology* **489**, 663–675 (1995) **494**, 908, 1996

FISCHER M. *see* FRANZECK U. K., FISCHER M., COSTANZO U., HERRIG I. & BOLLINGER A. **494**, 595, 1996

FISCHER-LOUGHEED J. *see* BERNHEIM L., LIU J.-H., HAMANN M., HAENGGELI C.-A., FISCHER-LOUGHEED J. & BADER C.-R. **493**, 129, 1996

FISCHMEISTER R. *see* JUREVIČIUS J. & FISCHMEISTER R. **491**, 669, 1996

*see* MÉRY P.-F., HOVE-MADSEN L., MAZET J.-L., HANF R. & FISCHMEISTER R. **494**, 105, 1996

FISHMAN A.P. *see* LIAO G -S., KUBIN L., GALANTE R. J., FISHMAN A. P. & PACK A. I. **492**, 529, 1996

*see* GALANTE R. J., KUBIN L., FISHMAN A. P. & PACK A. I. **492**, 545, 1996

FITZPATRICK R.

*FITZPATRICK R., TAYLOR J. L. & MCCLOSKEY D. I.* Effects of arterial perfusion pressure on force production in working human hand muscles **495**, 885, 1996

FLAVIN H.J. *see* REID S. N. M., DAW N. W., CZEPITA D., FLAVIN H. J. & SESSA W. C. **494**, 511, 1996

FLEIDERVISH I.A.

*FLEIDERVISH I. A., FRIEDMAN A. & GUTNICK M. J.* Slow inactivation of $Na^+$ current and slow cumulative spike adaptation in mouse and guinea-pig neocortical neurones in slices **493**, 83, 1996

*FLEIDERVISH I. A., FRIEDMAN A. & GUTNICK M. J.* Erratum: *Journal of Physiology* **493**, 83–97 (1996) **494**, 907, 1996

FLEIG A.

*FLEIG A. & PENNER R.* Silent calcium channels generate excessive tail currents and facilitation of calcium currents in rat skeletal myoballs **494**, 141, 1996

*FLEIG A., TAKESHIMA H. & PENNER R.* Absence of $Ca^{2+}$ current facilitation in skeletal muscle of transgenic mice lacking the type 1 ryanodine receptor **496**, 339, 1996

FLEISCHMANN B.K.

*FLEISCHMANN B. K., WANG Y.-X., PRING M. & KOTLIKOFF M. I.* Voltage-dependent calcium currents and cytosolic calcium in equine airway myocytes **492**, 347, 1996

FLEMING I. *see* POPP R., BAUERSACHS J., HECKER M., FLEMING I. & BUSSE R. **497**, 699, 1996

FLOTO R.A.
*FLOTO R. A., MAHAUT-SMITH M. P., ALLEN J. M. & SOMASUNDARAM B.* Differentiation of the human monocytic cell line U937 results in an upregulation of the calcium release-activated current, $I_{CRAC}$ **495**, 331, 1996

FOLGERING H. *see WAGENAAR M., TEPPEMA L., BERKENBOSCH A., OLIEVIER C. & FOLGERING H.* **495**, 227, 1996

FORSSBERG H. *see HADDERS-ALGRA M., BROGREN E. & FORSSBERG H.* **493**, 273, 1996

*see HADDERS-ALGRA M., BROGREN E. & FORSSBERG H.* **493**, 289, 1996

FORSYTH R.J. *see FRAY A. E., FORSYTH R. J., BOUTELLE M. G. & FILLENZ M.* **496**, 49, 1996

FOSSIER P. *see MOTHET J. P., FOSSIER P., TAUC L. & BAUX G.* **493**, 769, 1996

FOUTZ A.S. *see HAJI A., PIERREFICHE O., TAKEDA R., FOUTZ A. S., CHAMPAGNAT J. & DENAVIT-SAUBIÉ M.* **495**, 851, 1996

FRACKOWIAK R.S.J. *see FINK G. R., ADAMS L., WATSON J. D. G., INNES J. A., WUYAM B., KOBAYASHI I., CORFIELD D. R., MURPHY K., JONES T., FRACKOWIAK R. S. J. & GUZ A.* **494**, 908, 1996

FRANCINI F.
*FRANCINI F., BENCINI C. & SQUECCO R.* Activation of L-type calcium channel in twitch skeletal muscle fibres of the frog **494**, 121, 1996

FRANCO-OBREGÓN A.
*FRANCO-OBREGÓN A. & LÓPEZ-BARNEO J.* Differential oxygen sensitivity of calcium channels in rabbit smooth muscle cells of conduit and resistance pulmonary arteries **491**, 511, 1996

*see UREÑA J., FRANCO-OBREGÓN A. & LÓPEZ-BARNEO J.* **496**, 103, 1996

FRANKE CH. *see BUFLER J., KAHLERT S., TZARTOS S., TOYKA K. V., MAELICKE A. & FRANKE CH.* **492**, 107, 1996

*see BUFLER J., WILHELM R., PARNAS H., FRANKE CH. & DUDEL J.* **495**, 83, 1996

FRANKISH N. *see EHRHARDT A. G., FRANKISH N. & ISENBERG G.* **496**, 663, 1996

FRANZECK U.K.
*FRANZECK U. K., FISCHER M., COSTANZO U., HERRIG I. & BOLLINGER A.* Effect of postural changes on human lymphatic capillary pressure of the skin **494**, 595, 1996

FRAY A.E.
*FRAY A. E., FORSYTH R. J., BOUTELLE M. G. & FILLENZ M.* The mechanisms controlling physiologically stimulated changes in rat brain glucose and lactate: a microdialysis study **496**, 49, 1996

FRENCH R.J. *see HAN X., LIGHT P. E., GILES W. R. & FRENCH R. J.* **490**, 337, 1996

FREY S. *see FREY U., FREY S., SCHOLLMEIER F. & KRUG M.* **490**, 703, 1996

FREY U.
*FREY U., FREY S., SCHOLLMEIER F. & KRUG M.* Influence of actinomycin D, a RNA synthesis inhibitor, on long-term potentiation in rat hippocampal neurons *in vivo* and *in vitro* **490**, 703, 1996

FRIEDEN M. *see BARON A., FRIEDEN M., CHABAUD F. & BÉNY J.-L.* **493**, 691, 1996

FRIEDMAN A. *see FLEIDERVISH I. A., FRIEDMAN A. & GUTNICK M. J.* **493**, 83, 1996

*see FLEIDERVISH I. A., FRIEDMAN A. & GUTNICK M. J.* **494**, 907, 1996

FRIEDRICH M. *see PRIEBE L., FRIEDRICH M. & BENNDORF K.* **492**, 405, 1996

FRITSCH J.
*FRITSCH J. & EDELMAN A.* Modulation of the hyperpolarization-activated $Cl^-$ current in human intestinal $T_{84}$ epithelial cells by phosphorylation **490**, 115, 1996

FRIZZELL R.A. *see RECHKEMMER G., FRIZZELL R. A. & HALM D. R.* **493**, 485, 1996

FRYER M.W.
*FRYER M. W. & STEPHENSON D. G.* Total and sarcoplasmic reticulum calcium contents of skinned fibres from rat skeletal muscle **493**, 357, 1996

FUENTES E. *see NADAL A., FUENTES E. & MCNAUGHTON P. A.* **492**, 737, 1996

FUKUDA Y. *see SUGIOKA M., FUKUDA Y. & YAMASHITA M.* **493**, 855, 1996

FUKUI M. *see MIYAGI Y., KOBAYASHI S., NISHIMURA J., FUKUI M. & KANAIDE H.* **492**, 751, 1996

FUNG M.-L. *see WANG W., FUNG M.-L., DARNALL R. A. & ST JOHN W. M.* **490**, 277, 1996

FURUKAWA T. *see SUGIHARA I. & FURUKAWA T.* **495**, 665, 1996

GAGE P.W. *see JU Y.-K., SAINT D. A. & GAGE P. W.* **497**, 337, 1996

GÄHWILER B.H. *see DEBANNE D., GUÉRINEAU N. C., GÄHWILER B. H. & THOMPSON S. M.* **491**, 163, 1996

*see BOSSU J.-L., CAPOGNA M., DEBANNE D., MCKINNEY R. A. & GÄHWILER B. H.* **495**, 367, 1996

*see BOSSU J.-L. & GÄHWILER B. H.* **495**, 383, 1996

GAIARSA J. *see MCLEAN H. A., CAILLARD O., BEN-ARI Y. & GAIARSA J.* **496**, 471, 1996

GAILLY PH.
*GAILLY PH., HERMANS E. & GILLIS J. M.* Role of $[Ca^{2+}]_i$ in '$Ca^{2+}$ stores depletion–$Ca^{2+}$ entry coupling' in fibroblasts expressing the rat neurotensin receptor **491**, 635, 1996

GALANTE R.J. *see LIAO G.-S., KUBIN L., GALANTE R. J., FISHMAN A. P. & PACK A. I.* **492**, 529, 1996

*GALANTE R. J., KUBIN L., FISHMAN A. P. & PACK A. I.* Role of chloride-mediated inhibition in respiratory rhythmogenesis in an *in vitro* brainstem of tadpole, *Rana catesbeiana* **492**, 545, 1996

GALEA V. *see CUPIDO C. M., GALEA V. & MCCOMAS A. J.* **491**, 541, 1996

GALL D.G. *see KIMM M. H., HARDIN J. A. & GALL D. G.* **490**, 243, 1996

GALLAGHER C.G. *see KRISHNAN B., ZINTEL T., MCPARLAND C. & GALLAGHER C. G.* **490**, 537, 1996

GALLER S.
*GALLER S., HILBER K. & PETTE D.* Force responses following stepwise length changes of rat skeletal muscle fibre types **493**, 219, 1996

GALLIGAN J.J. *see ZHOU X. & GALLIGAN J. J.* **496**, 719, 1996

GANDEVIA S.C. *see TAYLOR J. L., BUTLER J. E., ALLEN G. M. & GANDEVIA S. C.* **490**, 519, 1996

*GANDEVIA S. C., ALLEN G. M., BUTLER J. E. & TAYLOR J. L.* Supraspinal factors in human muscle fatigue: evidence for suboptimal output from the motor cortex **490**, 529, 1996

GANDÍA L. *see ALBILLOS A., GANDÍA L., MICHELENA P., GILABERT J.-A., DEL VALLE M., CARBONE E. & GARCÍA A. G.* **494**, 687, 1996

GANITKEVICH V. YA.
*GANITKEVICH V. YA. & ISENBERG G.* Dissociation of subsarcolemmal from global cytosolic $[Ca^{2+}]$ in myocytes from guinea-pig coronary artery **490**, 305, 1996

GAO J.
*GAO J., MATHIAS R. T., COHEN I. S., SHI J. & BALDO G. J.* The effects of $\beta$-stimulation on the $Na^+$–$K^+$ pump current–voltage relationship in guinea-pig ventricular myocytes **494**, 697, 1996

GARASCHUK O.
*GARASCHUK O., SCHNEGGENBURGER R., SCHIRRA C., TEMPIA F. & KONNERTH A.* Fractional $Ca^{2+}$ currents through somatic and dendritic glutamate receptor channels of rat hippocampal CA1 pyramidal neurones **491**, 757, 1996

GARCÍA A.G. *see ALBILLOS A., GANDÍA L., MICHELENA P., GILABERT J.-A., DEL VALLE M., CARBONE E. & GARCÍA A. G.* **494**, 687, 1996

GARCÍA-SANCHO J. *see NUÑEZ L. & GARCÍA-SANCHO J.* **490**, 577, 1996

GARDNER J. *see CAMELLO P., GARDNER J., PETERSEN O. H. & TEPIKIN A. V.* **490**, 585, 1996

GARLAND C.J. *see PARSONS S. J. W., SUMNER M. J. & GARLAND C. J.* **491**, 447, 1996

GELLER H.M. *see ZHANG X., PHELAN K. D. & GELLER H. M.* **490**, 17, 1996

GEORGE A.L.JR *see FAN Z., GEORGE A. L. JR, KYLE J. W. & MAKIELSKI J. C.* **496**, 275, 1996

GERAGHTY F.M. *see CHIZHMAKOV I. V., GERAGHTY F. M., OGDEN D. C., HAYHURST A., ANTONIOU M. & HAY A. J.* **494**, 329, 1996

GEREAU R.W. IV *see WINDER D. G., RITCH P. S., GEREAU R. W. IV & CONN P. J.* **494**, 743, 1996

GERTHOFFER W.T.
*GERTHOFFER W. T., YAMBOLIEV I. A., SHEARER M., POHL J., HAYNES R., DANG S., SATO K. & SELLERS J. R.* Activation of MAP kinases and phosphorylation of caldesmon in canine colonic smooth muscle **495**, 597, 1996

GIBSON I.C. *see LOGAN S. D., PICKERING A. E., GIBSON I. C., NOLAN M. F. & SPANSWICK D.* **495**, 491, 1996

GIBSON K.J.
*GIBSON K. J. & LUMBERS E. R.* The effects of continuous drainage of fetal fluids on salt and water balance in fetal sheep **494**, 443, 1996

GILABERT J.-A. *see ALBILLOS A., GANDÍA L., MICHELENA P., GILABERT J.-A., DEL VALLE M., CARBONE E. & GARCÍA A. G.* **494**, 687, 1996

GILBEY M.P. *see JOHNSON C. D. & GILBEY M. P.* **497**, 241, 1996

GILES W.R. *see HAN X., LIGHT P. E., GILES W. R. & FRENCH R. J.* **490**, 337, 1996

GILLESPIE D.C. *see RUTHAZER E. S., GILLESPIE D. C., DAWSON T. M., SNYDER S. H. & STRYKER M. P.* **494**, 519, 1996

GILLIS J.M. *see GAILLY PH., HERMANS E. & GILLIS J. M.* **491**, 635, 1996

GINSBURG K.S. *see YUAN W., GINSBURG K. S. & BERS D. M.* **493**, 733, 1996

GLAZIER J.D. *see CLARSON L. H., GLAZIER J. D., GREENWOOD S. L., JONES C. J., SIDES M. K. & SIBLEY C. P.* **497**, 735, 1996

GLITSCH M.

*GLITSCH M., LLANO I. & MARTY A.* Glutamate as a candidate retrograde messenger at interneurone–Purkinje cell synapses of rat cerebellum **497**, 531, 1996

GODART H.

*GODART H. & ELLORY J. C.* KCl cotransport activation in human erythrocytes by high hydrostatic pressure **491**, 423, 1996

GODAUX E.

*GODAUX E. & CHERON G.* The hypothesis of the uniqueness of the oculomotor neural integrator: direct experimental evidence in the cat **492**, 517, 1996

GOGLIA F. *see LANNI A., MORENO M., LOMBARDI A. & GOGLIA F.* **494**, 831, 1996

GOLA M. *see GOMMERAT I. & GOLA M.* **495**, 649, 1996

GOLANOV E.V.

*GOLANOV E. V. & REIS D. J.* Contribution of oxygen-sensitive neurons of the rostral ventrolateral medulla to hypoxic cerebral vasodilatation in the rat **495**, 201, 1996

GÓMEZ A.M.

*GÓMEZ A. M., CHENG H., LEDERER W. J. & BERS D. M.* $Ca^{2+}$ diffusion and sarcoplasmic reticulum transport both contribute to $[Ca^{2+}]_i$ decline during $Ca^{2+}$ sparks in rat ventricular myocytes **496**, 575, 1996

GOMIS A. *see VALDEOLMILLOS M., GOMIS A. & SÁNCHEZ-ANDRÉS J. V.* **493**, 9, 1996

GOMMERAT I.

*GOMMERAT I. & GOLA M.* Glial potassium channels activated by neuronal firing or intracellular cyclic AMP in *Helix* **495**, 649, 1996

GOMORA J.C.

*GOMORA J. C., AVILA G. & COTA G.* $Ca^{2+}$ current expression in pituitary melanotrophs of neonatal rats and its regulation by $D_2$ dopamine receptors **492**, 763, 1996

GONZÁLEZ-ALONSO J. *see MORA-RODRÍGUEZ R., GONZÁLEZ-ALONSO J., BELOW P. R. & COYLE E. F.* **491**, 529, 1996

GOODMAN M.B.

*GOODMAN M. B. & ART J. J.* Variations in the ensemble of potassium currents underlying resonance in turtle hair cells **497**, 395, 1996

GOONEWARDENE I.P. *see KARIM F. & GOONEWARDENE I. P.* **490**, 793, 1996

GORDIENKO D.V.

*GORDIENKO D. V., TARE M., PARVEEN S., FENECH C. J., ROBINSON C. & BOLTON T. B.* Voltage-activated proton current in eosinophils from human blood **496**, 299, 1996

GOSLINE J.M. *see MUIR G. D., GOSLINE J. M. & STEEVES J. D.* **493**, 589, 1996

GOSLING M.

*GOSLING M., POYNER D. R. & SMITH J. W.* Effects of arachidonic acid upon the volume-sensitive chloride current in rat osteoblast-like (ROS 17/2.8) cells **493**, 613, 1996

GOSS-SAMPSON M.A. *see RALEVIC V., HOYLE C. H. V., GOSS-SAMPSON M. A., MILLA P. J. & BURNSTOCK G.* **490**, 181, 1996

GRAACK H.-R. *see HEINEMANN S. H., RETTIG J., GRAACK H.-R. & PONGS O.* **493**, 625, 1996

GRAHAM T.E. *see MACLEAN D. A., GRAHAM T. E. & SALTIN B.* **493**, 909, 1996

GRASSINO A.E. *see SINDERBY C., LINDSTRÖM L., COMTOIS N. & GRASSINO A. E.* **490**, 207, 1996

GRAVES J. *see MCKINNON W., AARONSON P. I., KNOCK G., GRAVES J. & POSTON L.* **490**, 783, 1996

GREASER M.L. *see REISER P. J., GREASER M. L. & MOSS R. L.* **493**, 553, 1996

GREAVES A.A.

*GREAVES A. A., DAVIS A. K., DALLMAN J. E. & MOODY W. J.* Co-ordinated modulation of $Ca^{2+}$ and $K^+$ currents during ascidian muscle development **497**, 39, 1996

GREEN L.R.

*GREEN L. R., BENNET L. & HANSON M. A.* The role of nitric oxide synthesis in cardiovascular responses to acute hypoxia in the late gestation sheep fetus **497**, 271, 1996

GREEN R. *see EVANS R. L., ASHTON N., ELLIOTT A. C., GREEN R. & ARGENT B. E.* **496**, 265, 1996

GREENLEAF J.F. *see ROBINSON I. M., KINNICK R. R., GREENLEAF J. F. & FERNANDEZ J. M.* **492**, 257, 1996

GREENWOOD S.L.

*GREENWOOD S. L., CLARSON L. H., SIDES M. K. & SIBLEY C. P.* Membrane potential difference and intracellular cation concentrations in human placental trophoblast cells in culture **492**, 629, 1996

*see CLARSON L. H., GLAZIER J. D., GREENWOOD S. L., JONES C. J., SIDES M. K. & SIBLEY C. P.* **497**, 735, 1996

GREGORY J.E. *see WOOD S. A., GREGORY J. E. & PROSKE U.* **497**, 279, 1996

GRESTY M.A. *see CORNA S., ITO Y., VON BREVERN M., BRONSTEIN A. M. & GRESTY M. A.* **496**, 589, 1996

GRIFFIN J.D.

*GRIFFIN J. D., KAPLE M. L., CHOW A. R. & BOULANT J. A.* Cellular mechanisms for neuronal thermosensitivity in the rat hypothalamus **492**, 231, 1996

GRIFFITHS R.I.

*GRIFFITHS R. I. & BERGER P. J.* Functional development of the sheep diaphragmatic ligament **492**, 913, 1996

GRISSMER S. *see HANSELMANN C. & GRISSMER S.* **496**, 627, 1996

GROSSINI E. *see VACCA G., PAPILLO B., BATTAGLIA A., GROSSINI E., MARY D. A. S. G. & PELOSI G.* **491**, 843, 1996

GRUNDY D. *see RICHARDS W., HILLSLEY K., EASTWOOD C. & GRUNDY D.* **497**, 473, 1996

GU J. *see KYROZIS A., ALBUQUERQUE C., GU J. & MACDERMOTT A. B.* 495, 449 1996

GUÉRINEAU N.C. *see DEBANNE D., GUÉRINEAU N. C., GÄHWILER B. H. & THOMPSON S. M.* **491**, 163, 1996

GUERTIN P. *see ANGEL M. J., GUERTIN P., JIMÉNEZ I. & MCCREA D. A.* **494**, 851, 1996

GUINAMARD R.

*GUINAMARD R., PAULAIS M. & TEULON J.* Inhibition of a small-conductance cAMP-dependent $Cl^-$ channel in the mouse thick ascending limb at low internal pH **490**, 759, 1996

GÜNZEL D.

*GÜNZEL D. & SCHLUE W.-R.* Sodium-magnesium antiport in Retzius neurones of the leech *Hirudo medicinalis* **491**, 595, 1996

GURNEY A.M. *see EVANS A. M., OSIPENKO O. N. & GURNEY A. M.* **496**, 407, 1996

GUTNICK M.J. *see FLEIDERVISH I. A., FRIEDMAN A. & GUTNICK M. J.* **493**, 83, 1996

*see FLEIDERVISH I. A., FRIEDMAN A. & GUTNICK M. J.* **494**, 907, 1996

GUYENET P.G. *see KOSHIYA N. & GUYENET P. G.* **491**, 859, 1996

GUZ A. *see HARTY H. R., MUMMERY C. J., ADAMS L., BANZETT R. B., WRIGHT I. G., BANNER N. R., YACOUB M. H. & GUZ A.* **490**, 805, 1996

*see FINK G. R., ADAMS L., WATSON J. D. G., INNES J. A., WUYAM B., KOBAYASHI I., CORFIELD D. R., MURPHY K., JONES T., FRACKOWIAK R. S. J. & GUZ A.* **494**, 908, 1996

GYÖRY Á.Z. *see POLLOCK C. A., NOBES M. S., GYORY A. Z., HENG P. T. & FIELD M. J.* **490**, 257, 1996

*GYÖRY Á. Z., SALIPAN-MOORE N. & REDDY S.* Chronic volume expansion in the rat: proximal tubular $Na^+$ transport and $Na^+$ pump inhibition **492**, 897, 1996

HAAS H.L. *see STEVENS D. R. & HAAS H. L.* **493**, 747, 1996

HADDAD E.-B. *see RAMNARINE S. I., HADDAD E.-B., KHAWAJA A. M., MAK J. C. W. & ROGERS D. F.* **494**, 577, 1996

HADDAD G.G. *see BEVENSEE M. O., CUMMINS T. R., HADDAD G. G., BORON W. F. & BOYARSKY G.* **494**, 315, 1996

HADDERS-ALGRA M.

*HADDERS-ALGRA M., BROGREN E. & FORSSBERG H.* Ontogeny of postural adjustments during sitting in infancy: variation, selection and modulation **493**, 273, 1996

*HADDERS-ALGRA M., BROGREN E. & FORSSBERG H.* Training affects the development of postural adjustments in sitting infants **493**, 289, 1996

HAENGGELI C.-A. *see BERNHEIM L., LIU J.-H., HAMANN M., HAENGGELI C.-A., FISCHER-LOUGHEED J. & BADER C.-R.* **493**, 129, 1996

HAGIWARA N. *see SAKAI R., HAGIWARA N., MATSUDA N., KASANUKI H. & HOSODA S.* **490**, 51, 1996

HAHN J. *see THOMSON A. M., WEST D. C., HAHN J. & DEUCHARS J.* **496**, 81, 1996

HAINSWORTH R. *see DRINKHILL M. J., MCMAHON N. C. & HAINSWORTH R.* **497**, 261, 1996

HAJI A.

*HAJI A., PIERREFICHE O., LALLEY P. M. & RICHTER D. W.* Protein kinase C pathways modulate respiratory pattern generation in the cat **494**, 297, 1996

*HAJI A., PIERREFICHE O., TAKEDA R., FOUTZ A. S., CHAMPAGNAT J. & DENAVIT-SAUBIÉ M.* Membrane potentials of respiratory neurones during dizocilpine-induced apneusis in adult cats **495**, 851, 1996

HALLIWILL J.R.

*HALLIWILL J. R., TAYLOR J. A. & ECKBERG D. L.* Impaired sympathetic vascular regulation in humans after acute dynamic exercise **495**, 279, 1996

HALM D.R. *see RECHKEMMER G., FRIZZELL R. A. & HALM D. R.* **493**, 485, 1996

HAMADA E. *see HAZAMA H., NAKAJIMA T., HAMADA E., OMATA M. & KURACHI Y.* **492**, 377, 1996

HAMANN M. *see* BERNHEIM L., LIU J.-H., HAMANN M., HAENGGELI C.-A., FISCHER-LOUGHEED J. & BADER C.-R. **493**, 129, 1996

HAMANN S. *see* ZEUTHEN T., HAMANN S. & LA COUR M. **497**, 3, 1996

HAN D. *see* ZHANG L., HAN D. & CARLEN P. L. **496**, 395, 1996

HAN X.

*HAN X., LIGHT P. E., GILES W. R. & FRENCH R. J.* Identification and properties of an ATP-sensitive $K^+$ current in rabbit sino-atrial node pacemaker cells **490**, 337, 1996

HANCOX J.C. *see* LEVI A. J., MITCHESON J. S. & HANCOX J. C. **492**, 1, 1996

HAND G.A. *see* ALLY A., HAND G. A. & MITCHELL J. H. **491**, 519, 1996

HANF R. *see* MÉRY P.-F., HOVE-MADSEN L., MAZET J.-L., HANF R. & FISCHMEISTER R. **494**, 105, 1996

HANNA W.J.B.

*HANNA W. J. B., TSUSHIMA R. G., SAH R., MCCUTCHEON L. J., MARBAN E. & BACKX P. H.* The equine periodic paralysis $Na^+$ channel mutation alters molecular transitions between the open and inactivated states **497**, 349, 1996

HANRAHAN J.W. *see* LINSDELL P. & HANRAHAN J. W. **496**, 687, 1996

HANSELMANN C.

*HANSELMANN C. & GRISSMER S.* Characterization of apamin-sensitive $Ca^{2+}$-activated potassium channels in human leukaemic T lymphocytes **496**, 627, 1996

HANSON M.A. *see* WAITES B. A., ACKLAND G. L., NOBLE R. & HANSON M. A. **495**, 217, 1996

*see* GREEN L. R., BENNET L. & HANSON M. A. **497**, 271, 1996

HARDIN J.A. *see* KIMM M. H., HARDIN J. A. & GALL D. G. **490**, 243, 1996

HARDING T.H. *see* BILLOCK V. A. & HARDING T. H. **490**, 509, 1996

HARMS M.P.M. *see* WIELING W., HARMS M. P. M., TEN HARKEL A. D. J., VAN LIESHOUT J. J. & SPRANGERS R. L. H. **494**, 601, 1996

HARTY H.R.

*HARTY H. R., MUMMERY C. J., ADAMS L., BANZETT R. B., WRIGHT I. G., BANNER N. R., YACOUB M. H. & GUZ A.* Ventilatory relief of the sensation of the urge to breathe in humans: are pulmonary receptors important? **490**, 805, 1996

HARTZELL H.C. *see* PETIT-JACQUES J. & HARTZELL H. C. **493**, 67, 1996

HARVEY B.J. *see* URBACH V., VAN KERKHOVE E., MAGUIRE D. & HARVEY B. J. **491**, 99, 1996

*see* URBACH V., VAN KERKHOVE E., MAGUIRE D. & HARVEY B. J. **491**, 111, 1996

HARVEY J.

*HARVEY J. & LACEY M. G.* Endogenous and exogenous dopamine depress EPSCs in rat nucleus accumbens *in vitro* via $D_1$ receptor activation **492**, 143, 1996

HASHIMOTO T. *see* ISHII T., HASHIMOTO T. & OHMORI H. **493**, 371, 1996

*HASHIMOTO T., ISHII T. & OHMORI H.* Release of $Ca^{2+}$ is the crucial step for the potentiation of IPSCs in the cultured cerebellar Purkinje cells of the rat **497**, 611, 1996

HASSETT C.A. *see* KADHIRESAN V. A., HASSETT C. A. & FAULKNER J. A. **493**, 543, 1996

HATA Y. *see* SATO H., KATSUYAMA N., TAMURA H., HATA Y. & TSUMOTO T. **494**, 757, 1996

HATTON G.I. *see* LI Z. & HATTON G. I. **496**, 379, 1996

HAY A.J. *see* CHIZHMAKOV I. V., GERAGHTY F. M., OGDEN D. C., HAYHURST A., ANTONIOU M. & HAY A. J. **494**, 329, 1996

HAYHURST A. *see* CHIZHMAKOV I. V., GERAGHTY F. M., OGDEN D. C., HAYHURST A., ANTONIOU M. & HAY A. J. **494**, 329, 1996

HAYNES R. *see* GERTHOFFER W. T., YAMBOLIEV I. A., SHEARER M., POHL J., HAYNES R., DANG S., SATO K. & SELLERS J. R. **495**, 597, 1996

HAYNES W.G. *see* NOON J. P., HAYNES W. G., WEBB D. J. & SHORE A. C. **490**, 501, 1996

HAZAMA H.

*HAZAMA H., NAKAJIMA T., HAMADA E., OMATA M. & KURACHI Y.* Neurokinin A and $Ca^{2+}$ current induce $Ca^{2+}$-activated $Cl^-$ currents in guinea-pig tracheal myocytes **492**, 377, 1996

HECKER M. *see* POPP R., BAUERSACHS J., HECKER M., FLEMING I. & BUSSE R. **497**, 699, 1996

HEGGELUND P. *see* PAULSEN O. & HEGGELUND P. **496**, 759, 1996

HEINEMANN S.H.

*HEINEMANN S. H., RETTIG J., GRAACK H.-R. & PONGS O.* Functional characterization of $K_v$ channel $\beta$-subunits from rat brain **493**, 625, 1996

*see* SCHÖNHERR R. & HEINEMANN S. H. **493**, 635, 1996

HELGE J.W.

*HELGE J. W., RICHTER E. A. & KIENS B.* Interaction of training and diet on metabolism and endurance during exercise in man **492**, 293, 1996

HELLIWELL R.M.

*HELLIWELL R. M. & LARGE W. A.* Dual effect of external $Ca^{2+}$ on noradrenaline-activated cation current in rabbit portal vein smooth muscle cells **492**, 75, 1996

HENDERSON-SMART D.J. *see* COHEN G. & HENDERSON-SMART D. J. **490**, 551, 1996

HENG P.T. *see* POLLOCK C. A., NOBES M. S., GYORY A. Z., HENG P. T. & FIELD M. J. **490**, 257, 1996

HENRY P.

*HENRY P., PEARSON W. L. & NICHOLS C. G.* Protein kinase C inhibition of cloned inward rectifier (HRK1/$K_{IR}$2.3) $K^+$ channels expressed in *Xenopus* oocytes **495**, 681, 1996

HERGET M. *see* DÖRING F., DORN D., BACHFISCHER U., AMASHEH S., HERGET M. & DANIEL H. **497**, 773, 1996

HERLITZE S.

*HERLITZE S., VILLARROEL A., WITZEMANN V., KOENEN M. & SAKMANN B.* Structural determinants of channel conductance in fetal and adult rat muscle acetylcholine receptors **492**, 775, 1996

HERMANS E. *see* GAILLY PH., HERMANS E. & GILLIS J. M. **491**, 635, 1996

HERMES M.L.H.J.

*HERMES M. L. H. J., CODERRE E. M., BUIJS R. M. & RENAUD L. P.* GABA and glutamate mediate rapid neurotransmission from suprachiasmatic nucleus to hypothalamic paraventricular nucleus in rat **496**, 749, 1996

HERRIG I. *see* FRANZECK U. K., FISCHER M., COSTANZO U., HERRIG I. & BOLLINGER A. **494**, 595, 1996

HERRINGTON J. *see* PARK Y. B., HERRINGTON J., BABCOCK D. F. & HILLE B. **492**, 329, 1996

HIGENBOTTAM T. *see* MILLS P. C., MARLIN D. J., DEMONCHEAUX E., SCOTT C., CASAS I., SMITH N. C. & HIGENBOTTAM T. **495**, 863, 1996

HILBER K. *see* GALLER S., HILBER K. & PETTE D. **493**, 219, 1996

HILLE B. *see* PARK Y. B., HERRINGTON J., BABCOCK D. F. & HILLE B. **492**, 329, 1996

HILLSLEY K. *see* RICHARDS W., HILLSLEY K., EASTWOOD C. & GRUNDY D. **497**, 473, 1996

HILTBRAND E. *see* NARICI M. V., BINZONI T., HILTBRAND E., FASEL J., TERRIER F. & CERRETELLI P. **496**, 287, 1996

HIMMEL H.M. *see* AMOS G. J., WETTWER E., METZGER F., LI Q., HIMMEL H. M. & RAVENS U. **491**, 31, 1996

HIRAOKA M. *see* ISHIHARA K., HIRAOKA M. & OCHI R. **491**, 367, 1996

HJORTSØ E.M. *see* VISSING S. F. & HJORTSØ E. M. **492**, 931, 1996

HO W.-K.

*HO W.-K., EARM Y. E., LEE S. H., BROWN H. F. & NOBLE D.* Voltage- and time-dependent block of delayed rectifier $K^+$ current in rabbit sino-atrial node cells by external $Ca^{2+}$ and $Mg^{2+}$ **494**, 727, 1996

HOCHERMAN S.D.

*HOCHERMAN S. D. & BEZANILLA F.* A patch-clamp study of delayed rectifier currents in skeletal muscle of control and *mdx* mice **493**, 113, 1996

HOFFEND J. *see* ENDLICH K., HOFFEND J. & STEINHAUSEN M. **497**, 211, 1996

HOGAN Y.H. *see* ALKADHI K. A., SALGADO-COMMISSARIAT D., HOGAN Y. H. & AKPAUDO S. B. **496**, 479, 1996

HOLMBERG H.

*HOLMBERG H. & SCHOUENBORG J.* Postnatal development of the nociceptive withdrawal reflexes in the rat: a behavioural and electromyographic study **493**, 239, 1996

*HOLMBERG H. & SCHOUENBORG J.* Developmental adaptation of withdrawal reflexes to early alteration of peripheral innervation in the rat **495**, 399, 1996

HONGO K.

*HONGO K., WHITE E., LE GUENNEC J.-Y. & ORCHARD C. H.* Changes in $[Ca^{2+}]_i$, $[Na^+]_i$ and $Ca^{2+}$ current in isolated rat ventricular myocytes following an increase in cell length **491**, 609, 1996

HONJO H. *see* KODAMA I., BOYETT M. R., SUZUKI R., HONJO H. & TOYAMA J. **495**, 785, 1996

*HONJO H., BOYETT M. R., KODAMA I. & TOYAMA J.* Correlation between electrical activity and the size of rabbit sino-atrial node cells **496**, 795, 1996

HORI Y.

*HORI Y., ENDO K. & TAKAHASHI T.* Long-lasting synaptic facilitation induced by serotonin in superficial dorsal horn neurones of the rat spinal cord **492**, 867, 1996

HORIKAWA J.

*HORIKAWA J., HOSOKAWA Y., KUBOTA M., NASU M. & TANIGUCHI I.* Optical imaging of spatiotemporal patterns of glutamatergic excitation and GABAergic inhibition in the guinea-pig auditory cortex *in vivo* **497**, 629, 1996

HORIO Y. *see* YAMASHITA T., HORIO Y., YAMADA M., TAKAHASHI N., KONDO C. & KURACHI Y. **493**, 143, 1996

HORISBERGER J.-D. *see* WANG X., JAISSER F. & HORISBERGER J.-D. **491**, 579, 1996

HORN J.P. *see* SHEN W.-X. & HORN J. P. **491**, 413, 1996

*see* JOBLING P. & HORN J. P. **494**, 287, 1996

HORN N.M.

HORN N. M. & THOMAS A. L. Interactions between the histidine stimulation of cadmium and zinc influx into human erythrocytes **496**, 711, 1996

HOSODA S. *see* SAKAI R., HAGIWARA N., MATSUDA N., KASANUKI H. & HOSODA S. **490**, 51, 1996

HOSOKAWA Y. *see* HORIKAWA J., HOSOKAWA Y., KUBOTA M., NASU M. & TANIGUCHI I. **497**, 629, 1996

HOUNSGAARD J. *see* RUSSO R. E. & HOUNSGAARD J. **493**, 39, 1996

*see* RUSSO R. E. & HOUNSGAARD J. **493**, 55, 1996

HOVE-MADSEN L. *see* MÉRY P.-F., HOVE-MADSEN L., MAZET J.-L., HANF R. & FISCHMEISTER R. **494**, 105, 1996

HOYLE C.H.V. *see* RALEVIC V., HOYLE C. H. V., GOSS-SAMPSON M. A., MILLA P. J. & BURNSTOCK G. **490**, 181, 1996

HSU S.-F.

HSU S.-F. & JACKSON M. B. Rapid exocytosis and endocytosis in nerve terminals of the rat posterior pituitary **494**, 539, 1996

HU P. *see* ZHANG K.-M., HU P., WANG S.-W., FEHER J. J., WRIGHT L. D., WECHSLER A. S., SPRATT J. A. & BRIGGS F. N. **496**, 211, 1996

HU P., ZHANG K.-M., FEHER J. J., WANG S.-W., WRIGHT L. D., WECHSLER A. S., SPRATT J. A. & BRIGGS F. N. Salbutamol and chronic low-frequency stimulation of canine skeletal muscle **496**, 221, 1996

HUGHES S.M. *see* LI X., HUGHES S. M., SALVIATI G., TERESI A. & LARSSON L. **494**, 555, 1996

HUGUENARD J.R. *see* ULRICH D. & HUGUENARD J. R. **493**, 845, 1996

HUNTER M. *see* COOPER G. J. & HUNTER M. **491**, 219, 1996

HURT C.M. *see* PELLEG A. & HURT C. M. **490**, 265, 1996

HUS-CITHAREL A. *see* LEVILLAIN O., PARVY P. & HUS-CITHAREL A. **491**, 471, 1996

HÜSER J.

HÜSER J., LIPSIUS S. L. & BLATTER L. A. Calcium gradients during excitation–contraction coupling in cat atrial myocytes **494**, 641, 1996

*see* LIPP P., HÜSER J., POTT L. & NIGGLI E. **497**, 589, 1996

*see* LIPP P., HÜSER J., POTT L. & NIGGLI E. **497**, 599, 1996

HUSSAIN A.A. *see* KUNDAIKER S., HUSSAIN A. A. & MARSHALL J. **492**, 505, 1996

HUTTER O.F. *see* NICHOL J. A. & HUTTER O. F. **493**, 187, 1996

*see* NICHOL J. A. & HUTTER O. F. **493**, 199, 1996

HUY P.T.B. *see* VAN DEN ABBEELE T., HUY P. T. B. & TEULON J. **494**, 77, 1996

HYLLIENMARK L.

HYLLIENMARK L. & BRISMAR T. Effect of metabolic inhibition on $K^+$ channels in pyramidal cells of the hippocampal CA1 region in rat brain slices **496**, 155, 1996

IIDA H. *see* RAITAKARI M., NUUTILA P., RUOTSALAINEN U., TERÄS M., ERONEN E., LAINE H., RAITAKARI O. T., IIDA H., KNUUTI M. J. & YKI-JÄRVINEN H. **496**, 543, 1996

IINO M. *see* ISA T., ITAZAWA S.-I., IINO M., TSUZUKI K. & OZAWA S. **491**, 719, 1996

IINO M., KOIKE M., ISA T. & OZAWA S. Voltage-dependent blockage of $Ca^{2+}$-permeable AMPA receptors by joro spider toxin in cultured rat hippocampal neurones **496**, 431, 1996

IIZUKA M. *see* NISHIMARU H., IIZUKA M., OZAKI S. & KUDO N. **497**, 131, 1996

ILES J.F.

ILES J. F. Evidence for cutaneous and corticospinal modulation of presynaptic inhibition of I a afferents from the human lower limb **491**, 197, 1996

INAZAWA T. *see* SAITOE M., INAZAWA T. & TAKAHASHI K. **491**, 825, 1996

INGRAM S.L.

INGRAM S. L. & WILLIAMS J. T. Modulation of the hyperpolarization-activated current ($I_h$) by cyclic nucleotides in guinea-pig primary afferent neurons **492**, 97, 1996

INNES J.A. *see* FINK G. R., ADAMS L., WATSON J. D. G., INNES J. A., WUYAM B., KOBAYASHI I., CORFIELD D. R., MURPHY K., JONES T., FRACKOWIAK R. S. J. & GUZ A. **494**, 908, 1996

IRELAND D.R. *see* DAVIES P. J., IRELAND D. R. & MCLACHLAN E. M. **495**, 353, 1996

ISA T.

ISA T., ITAZAWA S.-I., IINO M., TSUZUKI K. & OZAWA S. Distribution of neurones expressing inwardly rectifying and $Ca^{2+}$-permeable AMPA receptors in rat hippocampal slices **491**, 719, 1996

*see* IINO M., KOIKE M., ISA T. & OZAWA S. **496**, 431, 1996

ISCOE S.

ISCOE S. & DUFFIN J. Effects of stimulation of phrenic afferents on cervical respiratory interneurones and phrenic motoneurones in cats **497**, 803, 1996

ISENBERG G. *see* GANITKEVICH V. YA. & ISENBERG G. **490**, 305, 1996

*see* EHRHARDT A. G., FRANKISH N. & ISENBERG G. **496**, 663, 1996

ISHIGURO H.

ISHIGURO H., STEWARD M. C., LINDSAY A. R. G. & CASE R. M. Accumulation of intracellular $HCO_3^-$ by $Na^+$–$HCO_3^-$ cotransport in interlobular ducts from guinea-pig pancreas **495**, 169, 1996

ISHIGURO H., STEWARD M. C., WILSON R. W. & CASE R. M. Bicarbonate secretion in interlobular ducts from guinea-pig pancreas **495**, 179, 1996

ISHIHARA K.

ISHIHARA K., HIRAOKA M. & OCHI R. The tetravalent organic cation spermine causes the gating of the IRK1 channel expressed in murine fibroblast cells **491**, 367, 1996

ISHII T.

ISHII T., HASHIMOTO T. & OHMORI H. Hypotonic stimulation induced $Ca^{2+}$ release from $IP_3$-sensitive internal stores in a Green monkey kidney cell line **493**, 371, 1996

*see* HASHIMOTO T., ISHII T. & OHMORI H. **497**, 611, 1996

ISSBERNER J. *see* LEVI A. J. & ISSBERNER J. **493**, 19, 1996

ITAZAWA S. *see* ISA T., ITAZAWA S.-I., IINO M., TSUZUKI K. & OZAWA S. **491**, 719, 1996

ITO K. *see* KASAI H., TAKAGI H., NINOMIYA Y., KISHIMOTO T., ITO K., YOSHIDA A., YOSHIOKA T. & MIYASHITA Y. **494**, 53, 1996

ITO Y. *see* TANAKA H., JING L., TAKAHASHI S. & ITO Y. **493**, 785, 1996

*see* CORNA S., ITO Y., BREVERN M. v., BRONSTEIN A. M. & GRESTY M. A. **496**, 589, 1996

ITURRIAGA R.

ITURRIAGA R., ALCAYAGA J. & ZAPATA P. Dissociation of hypoxia-induced chemosensory responses and catecholamine efflux in cat carotid body superfused *in vitro* **497**, 551, 1996

JACKSON M.B. *see* HSU S. & JACKSON M. B. **494**, 539, 1996

JACOB T.J.C. *see* WU J., ZHANG J. J., KOPPEL H. & JACOB T. J. C. **491**, 743, 1996

JACQUEMOND V. *see* ALLARD B., BERNENGO J.-C., ROUGIER O. & JACQUEMOND V. **494**, 337, 1996

JAFRI M.S.

JAFRI M. S. & WEINREICH D. Substance P hyperpolarizes vagal sensory neurones of the ferret **493**, 157, 1996

JAFRI M. S. & WEINRICH D. Erratum: *Journal of Physiology* **493**, 157–166 (1996) **494**, 907, 1996

JAISSER F. *see* WANG X., JAISSER F. & HORISBERGER J.-D. **491**, 579, 1996

JAMIESON G.G. *see* ANVARI M., DENT J. & JAMIESON G. G. **494**, 907, 1996

JANVIER N.C. *see* YANG Z.-K., BOYETT M. R., JANVIER N. C., MCMORN S. O., SHUI Z. & KARIM F. **492**, 789, 1996

JAVEN I.

JAVEN I., WILLIAMS N. A., YOUNG I. R., LUFF A. R. & WALKER D. Growth and differentiation of fast and slow muscles in fetal sheep, and the effects of hypophysectomy **494**, 839, 1996

JEFFERYS J.G.R. *see* TRAUB R. D., WHITTINGTON M. A., COLLING S. B., BUZSÁKI G. & JEFFERYS J. G. R. **493**, 471, 1996

JENNINGS G.L. *see* WALLIN B. G., THOMPSON J. M., JENNINGS G. L. & ESLER M. D. **491**, 881, 1996

JENSEN M.S.

JENSEN M. S., AZOUZ R. & YAARI Y. Spike after-depolarization and burst generation in adult rat hippocampal CA1 pyramidal cells **492**, 199, 1996

*see* AZOUZ R., JENSEN M. S. & YAARI Y. **492**, 211, 1996

JENTSCH T.J. *see* RYCHKOV G. Y., PUSCH M., ASTILL D. ST J., ROBERTS M. L., JENTSCH T. J. & BRETAG A. H. **497**, 423, 1996

JIMÉNEZ I. *see* ANGEL M. J., GUERTIN P., JIMÉNEZ I. & MCCREA D. A. **494**, 851, 1996

JING L. *see* TANAKA H., JING L., TAKAHASHI S. & ITO Y. **493**, 785, 1996

JOAD J.P. *see* BONHAM A. C., KOTT K. S., RAVI K., KAPPAGODA C. T. & JOAD J. P. **493**, 229, 1996

JOBLING P.

JOBLING P. & HORN J. P. *In vitro* relation between preganglionic sympathetic stimulation and activity of cutaneous glands in the bullfrog **494**, 287, 1996

JOFFRE M. *see* DESAPHY J.-F., ROGIER C. & JOFFRE M. **495**, 23, 1996

JOHN S.A. *see* SHIEH R.-C., JOHN S. A., LEE J.-K. & WEISS J. N. **494**, 363, 1996

JOHNS E.J. *see* NEYLON M., MARSHALL J. & JOHNS E. J. **491**, 479, 1996

*see* WONG P. S. K. & JOHNS E. J. **497**, 219, 1996

JOHNSON C.D.
*JOHNSON C. D. & GILBEY M. P.* On the dominant rhythm in the discharges of single postganglionic sympathetic neurones innervating the rat tail artery **497**, 241, 1996

JOHNSON J.W. *see LI-SMERIN Y. & JOHNSON J. W.* **491**, 121, 1996
*see LI-SMERIN Y. & JOHNSON J. W.* **491**, 137, 1996
*see STOUT A. K., LI-SMERIN Y., JOHNSON J. W. & REYNOLDS I. J.* **492**, 641, 1996
*see ANTONOV S. M. & JOHNSON J. W.* **493**, 425, 1996

JONA I. *see SÁRKÖZI S., SZENTESI P., JONA I. & CSERNOCH L.* **495**, 611, 1996

JONAS E.A. *see KNOX R. J., JONAS E. A., KAO L.-S., SMITH P. J. S., CONNOR J. A. & KACZMAREK L. K.* **494**, 627, 1996

JONES C.J. *see CLARSON L. H., GLAZIER J. D., GREENWOOD S. L., JONES C. J., SIDES M. K. & SIBLEY C. P.* **497**, 735, 1996

JONES T. *see FINK G. R., ADAMS L., WATSON J. D. G., INNES J. A., WUYAM B., KOBAYASHI I., CORFIELD D. R., MURPHY K., JONES T., FRACKOWIAK R. S. J. & GUZ A.* **494**, 908, 1996

JOU M.-J.
*JOU M.-J., PENG T.-I. & SHEU S.-S.* Histamine induces oscillations of mitochondrial free $Ca^{2+}$ concentration in single cultured rat brain astrocytes **497**, 299, 1996

JU Y.-K. *see JU Y.-K., SAINT D. A. & GAGE P. W.* Hypoxia increases persistent sodium current in rat ventricular myocytes **497**, 337, 1996

JULIAN F.J. *see MORGAN D. L., CLAFLIN D. R. & JULIAN F. J.* **497**, 665, 1996

JUREVIČIUS J.
*JUREVIČIUS J. & FISCHMEISTER R.* Acetylcholine inhibits $Ca^{2+}$ current by acting exclusively at a site proximal to adenylyl cyclase in frog cardiac myocytes **491**, 669, 1996

JUST I. *see OTTO B., STEUSLOFF A., JUST I., AKTORIES K. & PFITZER G.* **496**, 317, 1996

KACZMAREK L.K. *see KNOX R. J., JONAS E. A., KAO L.-S., SMITH P. J. S., CONNOR J. A. & KACZMAREK L. K.* **494**, 627, 1996

KADHIRESAN V.A.
*KADHIRESAN V. A., HASSETT C. A. & FAULKNER J. A.* Properties of single motor units in medial gastrocnemius muscles of adult and old rats **493**, 543, 1996

KAHLERT S. *see BUFLER J., KAHLERT S., TZARTOS S., TOYKA K. V., MAELICKE A. & FRANKE CH.* **492**, 107, 1996

KAKUDA N.
*KAKUDA N., VALLBO Å. B. & WESSBERG J.* Fusimotor and skeletomotor activities are increased with precision finger movement in man **492**, 921, 1996

KAMISHIMA T.
*KAMISHIMA T. & MCCARRON J. G.* Depolarization-evoked increases in cytosolic calcium concentration in isolated smooth muscle cells of rat portal vein **492**, 61, 1996

KAMIYA H.
*KAMIYA H., SHINOZAKI H. & YAMAMOTO C.* Activation of metabotropic glutamate receptor type 2/3 suppresses transmission at rat hippocampal mossy fibre synapses **493**, 447, 1996

KAMP T.J.
*KAMP T. J., PÉREZ-GARCÍA M. T. & MARBAN E.* Enhancement of ionic current and charge movement by coexpression of calcium channel $\beta_{1A}$ subunit with $\alpha_{1C}$ subunit in a human embryonic kidney cell line **492**, 89, 1996

KANAIDE H. *see MIYAGI Y., KOBAYASHI S., NISHIMURA J., FUKUI M. & KANAIDE H.* **492**, 751, 1996

KANEDA M. *see SWANSON G. T., FELDMEYER D., KANEDA M. & CULL-CANDY S. G.* **492**, 129, 1996

KANJHAN R. *see LIPSKI J., KANJHAN R., KRUSZEWSKA B. & RONG W.* **490**, 729, 1996

KAO L.-S. *see KNOX R. J., JONAS E. A., KAO L.-S., SMITH P. J. S., CONNOR J. A. & KACZMAREK L. K.* **494**, 627, 1996

KAPLE M.L. *see GRIFFIN J. D., KAPLE M. L., CHOW A. R. & BOULANT J. A.* **492**, 231, 1996

KAPPAGODA C.T. *see BONHAM A. C., KOTT K. S., RAVI K., KAPPAGODA C. T. & JOAD J. P.* **493**, 229, 1996

KARIM F.
*KARIM F. & GOONEWARDENE I. P.* The role of adenosine in functional hyperaemia in the coronary circulation of anaesthetized dogs **490**, 793, 1996
*see YANG Z.-K., BOYETT M. R., JANVIER N. C., MCMORN S. O., SHUI Z. & KARIM F.* **492**, 789, 1996

KASAI H.
*KASAI H., TAKAGI H., NINOMIYA Y., KISHIMOTO T., ITO K., YOSHIDA A., YOSHIOKA T. & MIYASHITA Y.* Two components of exocytosis and endocytosis in phaeochromocytoma cells studied using caged $Ca^{2+}$ compounds **494**, 53, 1996

KASANUKI H. *see SAKAI R., HAGIWARA N., MATSUDA N., KASANUKI H. & HOSODA S.* **490**, 51, 1996

KASS D.A. *see SAEKI A., RECCHIA F. A., SENZAKI H. & KASS D. A.* **491**, 455, 1996

KATO F.
*KATO F., MORIN-SURUN M.-P. & DENAVIT-SAUBIÉ M.* Coherent inspiratory oscillation of cranial nerve discharges in perfused neonatal cat brainstem *in vitro* **497**, 539, 1996

KATSUYAMA N. *see SATO H., KATSUYAMA N., TAMURA H., HATA Y. & TSUMOTO T.* **494**, 757, 1996

KATZ E.
*KATZ E., FERRO P. A., WEISZ G. & UCHITEL O. D.* Calcium channels involved in synaptic transmission at the mature and regenerating mouse neuromuscular junction **497**, 687, 1996

KAUFMAN S. *see CHEN A. & KAUFMAN S.* **490**, 493, 1996
*see DENG Y. & KAUFMAN S.* **491**, 225, 1996

KAUPP U.B. *see BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V.* **493**, 409, 1996

KAVANAUGH M.P. *see ZERANGUE N. & KAVANAUGH M. P.* **493**, 419, 1996

KAUNE R. *see SCHRÖDER B., SCHLUMBOHM C., KAUNE R. & BREVES G.* **492**, 715, 1996

KAWA K.
*KAWA K.* ADP-induced rapid inward currents through $Ca^{2+}$-permeable cation channels in mouse, rat and guinea-pig megakaryocytes: a patch-clamp study **495**, 339, 1996

KAWAHARA K. *see MORI M., NISHIZAKI T., KAWAHARA K. & OKADA Y.* **491**, 281, 1996

KAWAI A.
*KAWAI A., BALLANTYNE D., MÜCKENHOFF K. & SCHEID P.* Chemosensitive medullary neurones in the brainstem–spinal cord preparation of the neonatal rat **492**, 277, 1996

KAWAI N. *see TSUBOKAWA H., OGURO K., ROBINSON H. P. C., MASUZAWA T. & KAWAI N.* **497**, 67, 1996

KAYSER B. *see CIBELLA F., CUTTITTA G., KAYSER B., NARICI M., ROMANO S. & SAIBENE F.* **494**, 881, 1996

KAZER R.R. *see KOWALSKI W. B., CHATTERTON R. T. JR, KAZER R. R. & SEVERINI T. A.* **493**, 877, 1996

KEMM R.E. *see WANG X. Y., MCKENZIE J. S. & KEMM R. E.* **490**, 63, 1996

KEMP J.A. *see KEW J. N. C., TRUBE G. & KEMP J. A.* **497**, 761, 1996

KENTISH J.C. *see SCIOTE J. J. & KENTISH J. C.* **492**, 659, 1996

KEW J.N.C.
*KEW J. N. C., TRUBE G. & KEMP J. A.* A novel mechanism of activity-dependent NMDA receptor antagonism describes the effect of ifenprodil in rat cultured cortical neurones **497**, 761, 1996

KHATER-BOIDIN J.
*KHATER-BOIDIN J., ROSE D. & DURON B.* Central effects of 5-HT on activity of respiratory and hypoglossally innervated muscles in newborn kittens **495**, 255, 1996

KHAWAJA A.M. *see RAMNARINE S. I., HADDAD E.-B., KHAWAJA A. M., MAK J. C. W. & ROGERS D. F.* **494**, 577, 1996

KHROMOV A.S.
*KHROMOV A. S., SOMLYO A. V. & SOMLYO A. P.* Nucleotide binding by actomyosin as a determinant of relaxation kinetics of rabbit phasic and tonic smooth muscle **492**, 669, 1996

KIBBLE J.D.
*KIBBLE J. D., TREZISE A. E. O. & BROWN P. D.* Properties of the cAMP-activated $Cl^-$ current in choroid plexus epithelial cells isolated from the rat **496**, 69, 1996

KIEHN O.
*KIEHN O., ERDAL J., EKEN T. & BRUHN T.* Selective depletion of spinal monoamines changes the rat soleus EMG from a tonic to a more phasic pattern **492**, 173, 1996

KIENS B. *see HELGE J. W., RICHTER E. A. & KIENS B.* **492**, 293, 1996
*see ASP S., DAUGAARD J. R., KRISTIANSEN S., KIENS B. & RICHTER E. A.* **494**, 891, 1996
*see BANGSBO J., MADSEN K., KIENS B. & RICHTER E. A.* **495**, 587, 1996

KIERS J.L. *see STIENEN G. J. M., KIERS J. L., BOTTINELLI R. & REGGIANI C.* **493**, 299, 1996

KILIC G.

*KILIC G., STOLPE A. & LINDAU M.* A slowly activating voltage-dependent $K^+$ current in rat pituitary nerve terminals **497**, 711, 1996

KIM H.G. *see NICOLL A., KIM H. G. & CONNORS B. W.* **497**, 109, 1996

KIMLER V.A. *see NWOGA J. C., SNIFFEN J. C., PEÑA-RASGADO C., KIMLER V. A. & RASGADO-FLORES H.* **491**, 13, 1996

KIMM M.H.

*KIMM M. H., HARDIN J. A. & GALL D. G.* The role of nitric oxide in the regulation of macromolecular transport in rat jejunum **490**, 243, 1996

KING B.F.

*KING B. F., WANG S. & BURNSTOCK G.* $P_2$ purinoceptor-activated inward currents in follicular oocytes of *Xenopus laevis* **494**, 17, 1996

KINNICK R.R. *see ROBINSON I. M., KINNICK R. R., GREENLEAF J. F. & FERNANDEZ J. M.* **492**, 257, 1996

KIRKPATRICK K.

*KIRKPATRICK K. & BOURQUE C. W.* Activity dependence and functional role of the apamin-sensitive $K^+$ current in rat supraoptic neurones *in vitro* **494**, 389, 1996

KIRKWOOD P.A.

*KIRKWOOD P. A. & MUNSON J. B.* The incidence of initial doublets in the discharges of motoneurones of two different inspiratory muscles in the cat **493**, 577, 1996

KIROV S.A. *see ALGER B. E., PITLER T. A., WAGNER J. J., MARTIN L. A., MORISHITA W., KIROV S. A. & LENZ R. A.* **496**, 197, 1996

KIRSON E.D.

*KIRSON E. D. & YAARI Y.* Synaptic NMDA receptors in developing mouse hippocampal neurones: functional properties and sensitivity to ifenprodil **497**, 437, 1996

KISELYOV K.I. *see MAMIN A. G., KISELYOV K. I. & MOZHAYEVA G. N.* **491**, 697, 1996

KISHIMOTO T. *see KASAI H., TAKAGI H., NINOMIYA Y., KISHIMOTO T., ITO K., YOSHIDA A., YOSHIOKA T. & MIYASHITA Y.* **494**, 53, 1996

KITS K.S. *see BRUSSAARD A. B., KITS K. S. & DE VLIEGER T. A.* **497**, 495, 1996

KJÆR M. *see MAGNUSSON S. P., SIMONSEN E. B., AAGAARD P., SØRENSEN H. & KJÆR M.* **497**, 291, 1996

*see MAGNUSSON S. P., SIMONSEN E. B., AAGAARD P., SØRENSEN H. & KJÆR M.* **497**, 857, 1996

KLAUSA G. *see RÖRIG B., KLAUSA G. & SUTOR B.* **490**, 31, 1996

KLÉBER A.G. *see YAN G.-X., CHEN J., YAMADA K. A., KLÉBER A. G. & CORR P. B.* **490**, 215, 1996

KLEIN M.G. *see LACAMPAGNE A., LEDERER W. J., SCHNEIDER M. F. & KLEIN M. G.* **497**, 581, 1996

KLIEBER H.-G. *see VON BECKERATH N., DITTRICH M., KLIEBER H.-G. & DAUT J.* **491**, 357, 1996

KNOCK G. *see MCKINNON W., AARONSON P. I., KNOCK G., GRAVES J. & POSTON L.* **490**, 783, 1996

KNOT H.J.

*KNOT H. J., ZIMMERMAN P. A. & NELSON M. T.* Extracellular $K^+$-induced hyperpolarizations and dilatations of rat coronary and cerebral arteries involve inward rectifier $K^+$ channels **492**, 419, 1996

KNOX R.J.

*KNOX R. J., JONAS E. A., KAO L.-S., SMITH P. J. S., CONNOR J. A. & KACZMAREK L. K.* $Ca^{2+}$ influx and activation of a cation current are coupled to intracellular $Ca^{2+}$ release in peptidergic neurons of *Aplysia californica* **494**, 627, 1996

KNUUTI M.J. *see RAITAKARI M., NUUTILA P., RUOTSALAINEN U., TERÄS M., ERONEN E., LAINE H., RAITAKARI O. T., IIDA H., KNUUTI M. J. & YKI-JÄRVINEN H.* **496**, 543, 1996

KO W.H.

*KO W. H., CHAN H. C., CHENG CHEW S. B. & WONG P. Y. D.* Ionic mechanisms of $Ca^{2+}$-dependent electrolyte transport across equine sweat gland epithelium **493**, 885, 1996

*KO W. H., CHAN H. C. & WONG P. Y. D.* Anion secretion induced by capacitative $Ca^{2+}$ entry through apical and basolateral membranes of cultured equine sweat gland epithelium **497**, 19, 1996

KOBAYASHI I. *see FINK G. R., ADAMS L., WATSON J. D. G., INNES J. A., WUYAM B., KOBAYASHI I., CORFIELD D. R., MURPHY K., JONES T., FRACKOWIAK R. S. J. & GUZ A.* **494**, 908, 1996

KOBAYASHI S. *see MIYAGI Y., KOBAYASHI S., NISHIMURA J., FUKUI M. & KANAIDE H.* **492**, 751, 1996

KODAMA I.

*KODAMA I., BOYETT M. R., SUZUKI R., HONJO H. & TOYAMA J.* Regional differences in the response of the isolated sino-atrial node of the rabbit to vagal stimulation **495**, 785, 1996

*see HONJO H., BOYETT M. R., KODAMA I. & TOYAMA J.* **496**, 795, 1996

KOENEN M. *see HERLITZE S., VILLARROEL A., WITZEMANN V., KOENEN M. & SAKMANN B.* **492**, 775, 1996

KOFUJI P.

*KOFUJI P., DOUPNIK C. A., DAVIDSON N. & LESTER H. A.* A unique P-region residue is required for slow voltage-dependent gating of a G protein-activated inward rectifier $K^+$ channel expressed in *Xenopus* oocytes **490**, 633, 1996

KOH S.D. *see SHUTTLEWORTH C. W. R., KOH S. D., BAYGINOV O. & SANDERS K. M.* **493**, 651, 1996

KOHDA M.

*KOHDA M., KOMORI S., UNNO T. & OHASHI H.* Carbachol-induced $[Ca^{2+}]_i$ oscillations in single smooth muscle cells of guinea-pig ileum **492**, 315, 1996

KÖHR G.

*KÖHR G. & SEEBURG P. H.* Subtype-specific regulation of recombinant NMDA receptor–channels by protein tyrosine kinases of the *src* family **492**, 445, 1996

KOIKE M. *see IINO M., KOIKE M., ISA T. & OZAWA S.* **496**, 431, 1996

KOLIWAD S.K.

*KOLIWAD S. K., KUNZE D. L. & ELLIOTT S. J.* Oxidant stress activates a non-selective cation channel responsible for membrane depolarization in calf vascular endothelial cells **491**, 1, 1996

*KOLIWAD S. K., ELLIOTT S. J. & KUNZE D. L.* Oxidized glutathione mediates cation channel activation in calf vascular endothelial cells during oxidant stress **495**, 37, 1996

KOMORI S. *see KOHDA M., KOMORI S., UNNO T. & OHASHI H.* **492**, 315, 1996

KONDO C. *see YAMASHITA T., HORIO Y., YAMADA M., TAKAHASHI N., KONDO C. & KURACHI Y.* **493**, 143, 1996

KONNERTH A. *see GARASCHUK S., SCHNEGGENBURGER R., SCHIRRA C., TEMPIA F. & KONNERTH A.* **491**, 757, 1996

*see CALLEWAERT G., EILERS J. & KONNERTH A.* **495**, 641, 1996

KOPP H.-G. *see BUSCH A. E., KOPP H.-G., WALDEGGER S., SAMARZIJA I., SÜßBRICH H., RABER G., KUNZELMANN K., RUPPERSBERG J. P. & LANG F.* **491**, 735, 1996

KOPPEL H. *see WU J., ZHANG J. J., KOPPEL H. & JACOB T. J. C.* **491**, 743, 1996

KORKOTIAN E.

*KORKOTIAN E. & SEGAL M.* Lasting effects of glutamate on nuclear calcium concentration in cultured rat hippocampal neurons:regulation by calcium stores **496**, 39, 1996

KORNGREEN A.

*KORNGREEN A. & PRIEL Z.* Purinergic stimulation of rabbit ciliated airway epithelia: control by multiple calcium sources **497**, 53, 1996

KOSHIYA N.

*KOSHIYA N. & GUYENET P. G.* Tonic sympathetic chemoreflex after blockade of respiratory rhythmogenesis in the rat **491**, 859, 1996

KOTLIKOFF M.I. *see FLEISCHMANN B. K., WANG Y.-X., PRING M. & KOTLIKOFF M. I.* **492**, 347, 1996

KOTT K.S. *see BONHAM A. C., KOTT K. S., RAVI K., KAPPAGODA C. T. & JOAD J. P.* **493**, 229, 1996

KOWALSKI W.B.

*KOWALSKI W. B., CHATTERTON R. T. JR, KAZER R. R. & SEVERINI T. A.* Disappearance and unexpected reappearance of progesterone in the circulation of the monkey: novel hormone kinetics **493**, 877, 1996

KRISHEK B.J.

*KRISHEK B. J., AMATO A., CONNOLLY C. N., MOSS S. J. & SMART T. G.* Proton sensitivity of the $GABA_A$ receptor is associated with the receptor subunit composition **492**, 431, 1996

KRISHNAN B.

*KRISHNAN B., ZINTEL T., MCPARLAND C. & GALLAGHER C. G.* Lack of importance of respiratory muscle load in ventilatory regulation during heavy exercise in humans **490**, 537, 1996

KRISTIANSEN S. *see ASP S., DAUGAARD J. R., KRISTIANSEN S., KIENS B. & RICHTER E. A.* **494**, 891, 1996

KRIZAJ D.

*KRIZAJ D., RICE M. E., WARDLE R. A. & NICHOLSON C.* Water compartmentalization and extracellular tortuosity after osmotic changes in cerebellum of *Trachemys scripta* **492**, 887, 1996

KRONAUER R.E. *see DUFFY J. F., KRONAUER R. E. & CZEISLER C. A.* **495**, 289, 1996

KRUG M. *see FREY U., FREY S., SCHOLLMEIER F. & KRUG M.* **490**, 703, 1996

KRUSZEWSKA B. *see LIPSKI J., KANJHAN R., KRUSZEWSKA B. & RONG W.* **490**, 729, 1996

KUBIN L. *see WOCH G., DAVIES R. O., PACK A. I. & KUBIN L.* **490**, 745, 1996
*see LIAO G.-S., KUBIN L., GALANTE R. J., FISHMAN A. P. & PACK A. I.* **492**, 529, 1996
*see GALANTE R. J., KUBIN L., FISHMAN A. P. & PACK A. I.* **492**, 545, 1996

KUBOTA M. *see HORIKAWA J., HOSOKAWA Y., KUBOTA M., NASU M. & TANIGUCHI I.* **497**, 629, 1996

KUDO N. *see NISHIMARU H., IIZUKA M., OZAKI S. & KUDO N.* **497**, 131, 1996

KUMAR P. *see ELNAZIR B., MARSHALL J. M. & KUMAR P.* **492**, 573, 1996
*see PEPPER D. R., LANDAUER R. C. & KUMAR P.* **493**, 833, 1996

KUMMER W. *see RICCIO M. M., KUMMER W., BIGLARI B., MYERS A. C. & UNDEM B. J.* **496**, 521, 1996

KUNDAIKER S.
*KUNDAIKER S., HUSSAIN A. A. & MARSHALL J.* Component characteristics of the vectorial transport system for taurine in isolated bovine retinal pigment epithelium **492**, 505, 1996

KUNER T. *see WOLLMUTH L. P., KUNER T., SEEBURG P. H. & SAKMANN B.* **491**, 779, 1996

KUNTZWEILER T. A. *see YAMAMOTO S., KUNTZWEILER T. A., WALLICK E. T., SPERELAKIS N. & YATANI A.* **495**, 733, 1996

KUNZE D. L. *see KOLIWAD S. K., KUNZE D. L. & ELLIOTT S. J.* **491**, 1, 1996
*see KOLIWAD S. K., ELLIOTT S. J. & KUNZE D. L.* **495**, 37, 1996

KUNZEK S. *see MORRIS S. J., KUNZEK S. & SHORE A. C.* **494**, 307, 1996

KUNZELMANN K. *see BUSCH A. E., KOPP H.-G., WALDEGGER S., SAMARZIJA I., SÜßBRICH H., RABER G., KUNZELMANN K., RUPPERSBERG J. P. & LANG F.* **491**, 735, 1996

KURACHI Y. *see HAZAMA H., NAKAJIMA T., HAMADA E., OMATA M. & KURACHI Y.* **492**, 377, 1996
*see TERZIC A. & KURACHI Y.* **492**, 395, 1996
*see YAMASHITA T., HORIO Y., YAMADA M., TAKAHASHI N., KONDO C. & KURACHI Y.* **493**, 143, 1996

KURCEWICZ I. *see AVOLI M., LOUVEL J., KURCEWICZ I., PUMAIN R. & BARBAROSIE M.* **493**, 707, 1996

KUSAKA S.
*KUSAKA S., DABIN I., BARNSTABLE C. J. & PURO D. G.* cGMP-mediated effects on the physiology of bovine and human retinal Müller (glial) cells **497**, 813, 1996

KYLE J. W. *see FAN Z., GEORGE A. L. JR, KYLE J. W. & MAKIELSKI J. C.* **496**, 275, 1996

KYROZIS A.
*KYROZIS A., ALBUQUERQUE C., GU J. & MACDERMOTT A. B.* $Ca^{2+}$-dependent inactivation of NMDA receptors: fast kinetics and high $Ca^{2+}$ sensitivity in rat dorsal horn neurons **495**, 449, 1996

LACAMPAGNE A.
*LACAMPAGNE A., LEDERER W. J., SCHNEIDER M. F. & KLEIN M. G.* Repriming and activation alter the frequency of stereotyped discrete $Ca^{2+}$ release events in frog skeletal muscle **497**, 581, 1996

LACEY M. G. *see HARVEY J. & LACEY M. G.* **492**, 143, 1996

LA COUR M. *see ZEUTHEN T., HAMANN S. & LA COUR M.* **497**, 3, 1996

LACQUANITI F. *see BORGHESE N. A., BIANCHI L. & LACQUANITI F.* **494**, 863, 1996

LAFORTUNA C. L.
*LAFORTUNA C. L., REINACH E. & SAIBENE F.* The effects of locomotor–respiratory coupling on the pattern of breathing in horses **492**, 587, 1996

LAGAUD G. J. L.
*LAGAUD G. J. L., STOCLET J. C. & ANDRIANTSITOHAINA R.* Calcium handling and purinoceptor subtypes involved in ATP-induced contraction in rat small mesenteric arteries **492**, 689, 1996

LAGNADO L. *see SAGOO M. S. & LAGNADO L.* **497**, 309, 1996

LAINE H. *see RAITAKARI M., NUUTILA P., RUOTSALAINEN U., TERÄS M., ERONEN E., LAINE H., RAITAKARI O. T., IIDA H., KNUUTI M. J. & YKI-JÄRVINEN H.* **496**, 543, 1996

LALLEY P. M. *see HAJI A., PIERREFICHE O., LALLEY P. M. & RICHTER D. W.* **494**, 297, 1996

LAMB G. D. *see OWEN V. J., LAMB G. D. & STEPHENSON D. G.* **493**, 309, 1996
*LAMB G. D. & STEPHENSON D. G.* Effects of FK506 and rapamycin on excitation–contraction coupling in skeletal muscle fibres of the rat **494**, 569, 1996
*see POSTERINO G. S. & LAMB G. D.* **496**, 809, 1996

LAMB T. D. *see MURNICK J. G. & LAMB T. D.* **495**, 1, 1996

LAMBERT N. A.
*LAMBERT N. A. & WILSON W. A.* High-threshold $Ca^{2+}$ currents in rat hippocampal interneurones and their selective inhibition by activation of $GABA_B$ receptors **492**, 115, 1996

LANDAUER R. C. *see PEPPER D. R., LANDAUER R. C. & KUMAR P.* **493**, 833, 1996

LANG F. *see BUSCH A. E., KOPP H.-G., WALDEGGER S., SAMARZIJA I., SÜßBRICH H., RABER G., KUNZELMANN K., RUPPERSBERG J. P. & LANG F.* **491**, 735, 1996

LANG M. E.
*LANG M. E., DAVISON J. S., BATES S. L. & MEDDINGS J. B.* Opioid receptors on guinea-pig intestinal crypt epithelial cells **497**, 161, 1996

LÄNNERGREN J. *see BRUTON J. D., WESTERBLAD H., KATZ A. & LÄNNERGREN J.* **493**, 211, 1996
*see BRUTON J. D., LÄNNERGREN J. & WESTERBLAD H.* **495**, 15, 1996

LANNI A.
*LANNI A., MORENO M., LOMBARDI A. & GOGLIA F.* Calorigenic effect of diiodothyronines in the rat **494**, 831, 1996

LANSMAN J. B. *see SLESINGER P. A. & LANSMAN J. B.* **491**, 335, 1996

LARGE W. A. *see HELLIWELL R. M. & LARGE W. A.* **492**, 75, 1996

LARSSON L. *see LI X., HUGHES S. M., SALVIATI G., TERESI A. & LARSSON L.* **494**, 555, 1996

LASATER E. M. *see PFEIFFER-LINN C. L. & LASATER E. M.* **496**, 607, 1996

LAWRENCE J. H. *see NUSS H. B., BALSER J. R., ORIAS D. W., LAWRENCE J. H., TOMASELLI G. F. & MARBAN E.* **494**, 411, 1996

LEBLANC N. *see REMILLARD C. V. & LEBLANC N.* **491**, 383, 1996
*see MORALES E., COLE W. C., REMILLARD C. V. & LEBLANC N.* **495**, 701, 1996

LEDERER W. J. *see DUBELL W. H., LEDERER W. J. & ROGERS T. B.* **493**, 793, 1996
*see GÓMEZ A. M., CHENG H., LEDERER W. J. & BERS D. M.* **496**, 575, 1996
*see LACAMPAGNE A., LEDERER W. J., SCHNEIDER M. F. & KLEIN M. G.* **497**, 581, 1996

LEE A. K.
*LEE A. K.* Dopamine ($D_8$) receptor regulation of intracellular calcium and membrane capacitance changes in rat melanotrophs **495**, 627, 1996

LEE J.-K. *see SHIEH R.-C., JOHN S. A., LEE J.-K. & WEISS J. N.* **494**, 363, 1996

LEE S. H. *see HO W.-K., EARM Y. E., LEE S. H., BROWN H. F. & NOBLE D.* **494**, 727, 1996

LEEM C. H. *see SUN B., LEEM C. H. & VAUGHAN-JONES R. D.* **495**, 65, 1996

LEGRAND A. *see DE TROYER A., LEGRAND A. & WILSON T. A.* **495**, 239, 1996
*LEGRAND A., BRANCATISANO A., DECRAMER M. & DE TROYER A.* Rostrocaudal gradient of electrical activation in the parasternal intercostal muscles of the dog **495**, 247, 1996

LE GUENNEC J.-Y. *see HONGO K., WHITE E., LE GUENNEC J.-Y. & ORCHARD C. H.* **491**, 609, 1996

LENG G. *see BROWN C. H., MUNRO G., MURPHY N. P., LENG G. & RUSSELL J. A.* **496**, 787, 1996

LENZ R. A. *see ALGER B. E., PITLER T. A., WAGNER J. J., MARTIN L. A., MORISHITA W., KIROV S. A. & LENZ R. A.* **496**, 197, 1996

LERMA J. *see CASADO M., LÓPEZ-GUAJARDO A., MELLSTRÖM B., NARANJO J. R. & LERMA J.* **490**, 391, 1996

LESTER H. A. *see KOFUJI P., DOUPNIK C. A., DAVIDSON N. & LESTER H. A.* **490**, 633, 1996

LEVI A. J.
*LEVI A. J., MITCHESON J. S. & HANCOX J. C.* The effect of internal sodium and caesium on phasic contraction of patch-clamped rabbit ventricular myocytes **492**, 1, 1996
*LEVI A. J. & ISSBERNER J.* Effect on the fura-2 transient of rapidly blocking the $Ca^{2+}$ channel in electrically stimulated rabbit heart cells **493**, 19, 1996
*LEVI A. J., LI J., SPITZER K. W. & BRIDGE J. H. B.* Effect on the indo-1 transient of applying $Ca^{2+}$ channel blocker for a single beat in voltage-clamped guinea-pig cardiac myocytes **494**, 653, 1996

LEVICK J. R. *see PRICE F. M., LEVICK J. R. & MASON R. M.* **495**, 803, 1996
*see PRICE F. M., LEVICK J. R. & MASON R. M.* **495**, 821, 1996

LEVILLAIN O.
*LEVILLAIN O., PARVY P. & HUS-CITHAREL A.* Arginine metabolism in cat kidney **491**, 471, 1996

LEW V. L. *see RAFTOS J. E., BOOKCHIN R. M. & LEW V. L.* **491**, 773, 1996

LEWIS C. *see EVANS R. J., LEWIS C., VIRGINIO C., LUNDSTROM K., BUELL G., SURPRENANT A. & NORTH R. A.* **497**, 413, 1996

LEYSSENS A.
*LEYSSENS A., NOWICKY A. V., PATTERSON L., CROMPTON M. & DUCHEN M. R.* The relationship between mitochondrial state, ATP hydrolysis, $[Mg^{2+}]_i$ and $[Ca^{2+}]_i$ studied in isolated rat cardiomyocytes **496**, 111, 1996

Li G. *see* Yue L., Feng J., Li G. & Nattel S. **496**, 647, 1996

Li J. *see* Levi A. J., Li J., Spitzer K. W. & Bridge J. H. B. **494**, 653, 1996

Li Q. *see* Amos G. J., Wettwer E., Metzger F., Li Q., Himmel H. M. & Ravens U. **491**, 31, 1996

*Li Q. & Thornhill J.* Specific thermal responsiveness of ventromedial hypothalamic neurons to localized scrotal heating and cooling in rats **492**, 851, 1996

Li X.

*Li X., Hughes S. M., Salviati G., Teresi A. & Larsson L.* Thyroid hormone effects on contractility and myosin composition of soleus muscle and single fibres from young and old rats **494**, 555, 1996

Li Y.

*Li Y. & Owyang C.* Pancreatic secretion evoked by cholecystokinin and non-cholecystokinin-dependent duodenal stimuli via vagal afferent fibres in the rat **494**, 773, 1996

Li Z.

*Li Z. & Hatton G. I.* Oscillatory bursting of phasically firing rat supraoptic neurones in low-$Ca^{2+}$ medium: $Na^+$ influx, cytosolic $Ca^{2+}$ and gap junctions **496**, 379, 1996

Liao G.

*Liao G.-S., Kubin L., Galante R. J., Fishman A. P. & Pack A. I.* Respiratory activity in the facial nucleus in an *in vitro* brainstem of tadpole, *Rana catesbeiana* **492**, 529, 1996

Light P.E. *see* Han X., Light P. E., Giles W. R. & French R. J. **490**, 337, 1996

Lindau M. *see* Kilic G., Stolpe A. & Lindau M. **497**, 711, 1996

Lindemann B. *see* Bernhardt S. J., Naim M., Zehavi U. & Lindemann B. **490**, 325, 1996

Lindsay A.R.G. *see* Ishiguro H., Steward M. C., Lindsay A. R. G. & Case R. M. **495**, 169, 1996

Lindsey B.G. *see* Morris K. F., Arata A., Shannon R. & Lindsey B. G. **490**, 463, 1996

*see* Morris K. F., Arata A., Shannon R. & Lindsey B. G. **491**, 241, 1996

Lindström L. *see* Sinderby C., Lindström L., Comtois N. & Grassino A. E. **490**, 207, 1996

Ling L.

*Ling L., Olson E. B. Jr, Vidruk E. H. & Mitchell G. S.* Attenuation of the hypoxic ventilatory response in adult rats following one month of perinatal hyperoxia **495**, 561, 1996

Linsdell P.

*Linsdell P. & Hanrahan J. W.* Disulphonic stilbene block of cystic fibrosis transmembrane conductance regulator $Cl^-$ channels expressed in a mammalian cell line and its regulation by a critical pore residue **496**, 687, 1996

Lin Y.Q.

*Lin Y. Q., Brain K. L., Nichol K. A., Morgan J. J. & Bennett M. R.* Vesicle-associated proteins and calcium in nerve terminals of chick ciliary ganglia during development of facilitation **497**, 639, 1996

Lipp P. *see* Lüscher C., Lipp P., Lüscher H.-R. & Niggli E. **490**, 319, 1996

*Lipp P. & Niggli E.* Submicroscopic calcium signals as fundamental events of excitation–contraction coupling in guinea-pig cardiac myocytes **492**, 31, 1996

*Lipp P., Hüser J., Pott L. & Niggli E.* Spatially non-uniform $Ca^{2+}$ signals induced by the reduction of transverse tubules in citrate-loaded guinea-pig ventricular myocytes in culture **497**, 589, 1996

*Lipp P., Hüser J., Pott L. & Niggli E.* Subcellular properties of triggered $Ca^{2+}$ waves in isolated citrate-loaded guinea-pig atrial myocytes characterized by ratiometric confocal microscopy **497**, 599, 1996

Lipsius S.L. *see* Hüser J., Lipsius S. L. & Blatter L. A. **494**, 641, 1996

Lipski J.

*Lipski J., Kanjhan R., Kruszewska B. & Rong W.* Properties of presympathetic neurones in the rostral ventrolateral medulla in the rat: an intracellular study '*in vivo*' **490**, 729, 1996

Li-Smerin Y.

*Li-Smerin Y. & Johnson J. W.* Kinetics of the block by intracellular $Mg^{2+}$ of the NMDA-activated channel in cultured rat neurons **491**, 121, 1996

*Li-Smerin Y. & Johnson J. W.* Effects of intracellular $Mg^{2+}$ on channel gating and steady-state responses of the NMDA receptor in cultured rat neurons **491**, 137, 1996

*see* Stout A. K., Li-Smerin Y., Johnson J. W. & Reynolds I. J. **492**, 641, 1996

Liu J.-H. *see* Bernheim L., Liu J.-H., Hamann M., Haenggeli C.-A., Fischer-Lougheed J. & Bader C.-R. **493**, 129, 1996

Liu W. *see* Alreja M. & Liu W. **494**, 201, 1996

Llano I. *see* Fierro L. & Llano I. **496**, 617, 1996

*see* Glitsch M., Llano I. & Marty A. **497**, 531, 1996

Logan S.D.

*Logan S. D., Pickering A. E., Gibson I. C., Nolan M. F. & Spanswick D.* Electrotonic coupling between rat sympathetic preganglionic neurones *in vitro* **495**, 491, 1996

Lombardi A. *see* Lanni A., Moreno M., Lombardi A. & Goglia F. **494**, 831, 1996

Longhurst J.C. *see* Pan H. & Longhurst J. C. **492**, 841, 1996

López-Barneo J. *see* Franco-Obregón A. & López-Barneo J. **491**, 511, 1996

*see* Ureña J., Franco-Obregón A. & López-Barneo J. **496**, 103, 1996

López-Guajardo A. *see* Casado M., López-Guajardo A., Mellström B., Naranjo J. R. & Lerma J. **490**, 391, 1996

Löscher W.N.

*Löscher W. N., Cresswell A. G. & Thorstensson A.* Excitatory drive to the α-motoneuron pool during a fatiguing submaximal contraction in man **491**, 271, 1996

Louvel J. *see* Avoli M., Louvel J., Kurcewicz I., Pumain R. & Barbarosie M. **493**, 707, 1996

Low S.Y.

*Low S. Y., Taylor P. M. & Rennie M. J.* Responses of glutamine transport in cultured rat skeletal muscle to osmotically induced changes in cell volume **492**, 877, 1996

*Low S. Y., Rennie M. J. & Taylor P. M.* Modulation of glycogen synthesis in rat skeletal muscle by changes in cell volume **495**, 299, 1996

Lückermann M. *see* Trapp S., Lückermann M., Brooks P. A. & Ballanyi K. **496**, 695, 1996

Luff A.R. *see* Javen I., Williams N. A., Young I. R., Luff A. R. & Walker D. **494**, 839, 1996

Lumbers E.R. *see* Gibson K. J. & Lumbers E. R. **494**, 443, 1996

Lundstrom K. *see* Evans R. J., Lewis C., Virginio C., Lundstrom K., Buell G., Surprenant A. & North R. A. **497**, 413, 1996

Lunin S.D. *see* Wilkinson R. S., Son Y.-J. & Lunin S. D. **495**, 503, 1996

Lüscher C.

*Lüscher C., Lipp P., Lüscher H.-R. & Niggli E.* Control of action potential propagation by intracellular $Ca^{2+}$ in cultured rat dorsal root ganglion cells **490**, 319, 1996

Lüscher H.-R. *see* Lüscher C., Lipp P., Lüscher H.-R. & Niggli E. **490**, 319, 1996

Lynn B.

*Lynn B., Schütterle S. & Pierau F.-K.* The vasodilator component of neurogenic inflammation is caused by a special subclass of heat-sensitive nociceptors in the skin of the pig **494**, 587, 1996

Ma R.C.

*Ma R. C. & Szurszewski J. H.* Modulation by opioid peptides of mechanosensory pathways supplying the guinea-pig inferior mesenteric ganglion **491**, 435, 1996

McAinsh A.M. *see* Steele D. S., McAinsh A. M. & Smith G. L. **490**, 565, 1996

McBain C.J. *see* Maccaferri G. & McBain C. J. **497**, 119, 1996

Maccaferri G.

*Maccaferri G. & McBain C. J.* The hyperpolarization-activated current ($I_h$) and its contribution to pacemaker activity in rat CA1 hippocampal stratum oriens–alveus interneurones **497**, 119, 1996

McCarron J.G. *see* Kamishima T. & McCarron J. G. **492**, 61, 1996

*see* McGeown J. G., Drummond R. M., McCarron J. G. & Fay F. S. **497**, 321, 1996

McCloskey D.I. *see* Fitzpatrick R., Taylor J. L. & McCloskey D. I. **495**, 885, 1996

McComas A.J. *see* Cupido C. M., Galea V. & McComas A. J. **491**, 541, 1996

*see* McFadden L. K. & McComas A. J. **496**, 851, 1996

McCrea D.A. *see* Angel M. J., Guertin P., Jiménez I. & McCrea D. A. **494**, 851, 1996

McCutcheon L.J. *see* Hanna W. J. B., Tsushima R. G., Sah R., McCutcheon L. J., Marban E. & Backx P. H. **497**, 349, 1996

MacDermott A.B. *see* Kyrozis A., Albuquerque C., Gu J. & MacDermott A. B. **495**, 449, 1996

McDonald T.F. *see* Shuba L. M., Ogura T. & McDonald T. F. **491**, 69, 1996

McFadden L.K.

*McFadden L. K. & McComas A. J.* Late depression of muscle excitability in humans after fatiguing stimulation **496**, 851, 1996

McGeown J.G.

*McGeown J. G., Drummond R. M., McCarron J. G. & Fay F. S.* The temporal profile of calcium transients in voltage clamped gastric myocytes from *Bufo marinus* **497**, 321, 1996

MacGregor W.H. *see* Stephens G. J., Owen D. G., Opalko A., Pisano M. R., MacGregor W. H. & Robertson B. **496**, 145, 1996

McHugh D.

McHugh D. & Beech D. J. Modulation of $Ca^{2+}$ channel activity by ATP metabolism and internal $Mg^{2+}$ in guinea-pig basilar artery smooth muscle cells **492**, 359, 1996

McKenzie J.S. *see* Wang X. Y., McKenzie J. S. & Kemm R. E. **490**, 63, 1996

Mackie P.D.

Mackie P. D., Zhang H. Q., Schmidt R. F. & Rowe M. J. Parallel organization of proprioceptive inputs from joint receptors to cortical somatosensory areas I and II in the cat **494**, 529, 1996

McKillen H.-C. *see* Davies N. W., McKillen H.-C., Stanfield P. R. & Standen N. B. **490**, 817, 1996

McKinney R.A. *see* Bossu J.-L., Capogna M., Debanne D., McKinney R. A. & Gähwiler B. H. **495**, 367, 1996

McKinnon D. *see* Wang H.-S. & McKinnon D. **492**, 467, 1996

McKinnon W.

McKinnon W., Aaronson P. I., Knock G., Graves J. & Poston L. Mechanism of lactate-induced relaxation of isolated rat mesenteric resistance arteries **490**, 783, 1996

McLachlan E.M. *see* Davies P. J., Ireland D. R. & McLachlan E. M. **495**, 353, 1996

MacLean D.A.

MacLean D. A., Graham T. E. & Saltin B. Stimulation of muscle ammonia production during exercise following branched-chain amino acid supplementation in humans **493**, 909, 1996

*see* van Hall G., MacLean D. A., Saltin B. & Wagenmakers A. J. M. **494**, 899, 1996

McLean H.A.

McLean H. A., Caillard O., Ben-Ari Y. & Gaiarsa J. Bidirectional plasticity expressed by GABAergic synapses in the neonatal rat hippocampus **496**, 471, 1996

McMahon N.C. *see* Drinkhill M. J., McMahon N. C. & Hainsworth R. **497**, 261, 1996

McMillen I.C. *see* Phillips I. D., Ross J. T., Owens J. A., Young I. R. & McMillen I. C. **491**, 871, 1996

McMorn S.O. *see* Yang Z.-K., Boyett M. R., Janvier N. C., McMorn S. O., Shui Z. & Karim F. **492**, 789, 1996

McNaughton P.A. *see* Nadal A., Fuentes E. & McNaughton P. A. **492**, 737, 1996

McParland C. *see* Krishnan B., Zintel T., McParland C. & Gallagher C. G. **490**, 537, 1996

Madsen K. *see* Bangsbo J., Madsen K., Kiens B. & Richter E. A. **495**, 587, 1996

Maelicke A. *see* Bufler J., Kahlert S., Tzartos S., Toyka K. V., Maelicke A. & Franke Ch. **492**, 107, 1996

Magerl W.

Magerl W. & Treede R. Heat-evoked vasodilatation in human hairy skin: axon reflexes due to low-level activity of nociceptive afferents **497**, 837, 1996

Magleby K.L. *see* Rothberg B. S., Bello R. A., Song L. & Magleby K. L. **493**, 673, 1996

Magnusson S.P.

Magnusson S. P., Simonsen E. B., Aagaard P., Sørensen H. & Kjær M. A mechanism for altered flexibility in human skeletal muscle **497**, 291, 1996

*see* Magnusson S. P., Simonsen E. B., Aagaard P., Sørensen H. & Kjær M. Erratum: *Journal of Physiology* **497**, 291–297 (1996) **497**, 857, 1996

Maguire D. *see* Urbach V., Van Kerkhove E., Maguire D. & Harvey B. J. **491**, 99, 1996

*see* Urbach V., Van Kerkhove E., Maguire D. & Harvey B. J. **491**, 111, 1996

Mahaut-Smith M.P. *see* Floto R. A., Mahaut-Smith M. P., Allen J. M. & Somasundaram B. **495**, 331, 1996

Mak J.C.W. *see* Ramnarine S. I., Haddad E.-B., Khawaja A. M., Mak J. C. W. & Rogers D. F. **494**, 577, 1996

Makielski J.C. *see* Fan Z., George A. L. Jr, Kyle J. W. & Makielski J. C. **496**, 275, 1996

Makisumi T. *see* Watanabe T., Tan N., Saiki Y., Makisumi T. & Nakamura S. **491**, 231, 1996

Maloney S.K.

Maloney S. K. & Mitchell D. Regulation of ram scrotal temperature during heat exposure, cold exposure, fever and exercise **496**, 421, 1996

Mamin A.G.

Mamin A. G., Kiselyov K. I. & Mozhayeva G. N. Effect of intracellular calcium on ATP-activated, GTP-dependent calcium channels in rat macrophages **491**, 697, 1996

Mammano F.

Mammano F. & Ashmore J. F. Differential expression of outer hair cell potassium currents in the isolated cochlea of the guinea-pig **496**, 639, 1996

Mann G.E. *see* Bogle R. G., Baydoun A. R., Pearson J. D. & Mann G. E. **490**, 229, 1996

*see* Sobrevia L., Nadal A., Yudilevich D. L. & Mann G. E. **490**, 775, 1996

Marban E. *see* Chiamvimonvat N., Pérez-García M. T., Tomaselli G. F. & Marban E. **491**, 51, 1996

*see* Kamp T. J., Pérez-García M. T. & Marban E. **492**, 89, 1996

*see* Nuss H. B., Balser J. R., Orias D. W., Lawrence J. H., Tomaselli G. F. & Marban E. **494**, 411, 1996

*see* Balser J. R., Nuss H. B., Chiamvimonvat N., Pérez-García M. T., Marban E. & Tomaselli G. F. **494**, 431, 1996

*see* Hanna W. J. B., Tsushima R. G., Sah R., McCutcheon L. J., Marban E. & Backx P. H. **497**, 349, 1996

Marcaggi P. *see* Coles J. A., Marcaggi P., Véga C. & Cotillon N. **495**, 305, 1996

Marchenko S.M.

Marchenko S. M. & Sage S. O. Calcium-activated potassium channels in the endothelium of intact rat aorta **492**, 53, 1996

Marlin D.J. *see* Mills P. C., Marlin D. J., Demoncheaux E., Scott C., Casas I., Smith N. C. & Higenbottam T. **495**, 863, 1996

Marples D.

Marples D., Barber B. & Taylor A. Effect of a dynein inhibitor on vasopressin action in toad urinary bladder **490**, 767, 1996

Marshall J. *see* Neylon M., Marshall J. & Johns E. J. **491**, 479, 1996

*see* Kundaiker S., Hussain A. A. & Marshall J. **492**, 505, 1996

Marshall J.M. *see* Mian R. & Marshall J. M. **491**, 489, 1996

*see* Elnazir B., Marshall J. M. & Kumar P. **492**, 573, 1996

*see* Skinner M. R. & Marshall J. M. **495**, 553, 1996

Marsy S. *see* Buffin-Meyer B., Marsy S., Barlet-Bas C., Cheval L., Younes-Ibrahim M., Rajerison R. & Doucet A. **490**, 623, 1996

Martin L.A. *see* Alger B. E., Pitler T. A., Wagner J. J., Martin L. A., Morishita W., Kirov S. A. & Lenz R. A. **496**, 197, 1996

Marty A. *see* Vincent P. & Marty A. **494**, 183, 1996

*see* Glitsch M., Llano I. & Marty A. **497**, 531, 1996

Maruyama Y.

Maruyama Y. Selective activation of exocytosis by low concentrations of ACh in rat pancreatic acinar cells **492**, 807, 1996

Mary D.A.S.G. *see* Vacca G., Papillo B., Battaglia A., Grossini E., Mary D. A. S. G. & Pelosi G. **491**, 843, 1996

Mason R.M. *see* Price F. M., Levick J. R. & Mason R. M. **495**, 803, 1996

*see* Price F. M., Levick J. R. & Mason R. M. **495**, 821, 1996

Masuzawa T. *see* Tsubokawa H., Oguro K., Robinson H. P. C., Masuzawa T. & Kawai N. **497**, 67, 1996

Mathias R.T. *see* Gao J., Mathias R. T., Cohen I. S., Shi J. & Baldo G. J. **494**, 697, 1996

Mathie A. *see* Watkins C. S. & Mathie A. **491**, 401, 1996

Matsuda N. *see* Sakai R., Hagiwara N., Matsuda N., Kasanuki H. & Hosoda S. **490**, 51, 1996

Matsuura H.

Matsuura H., Tsuruhara Y., Sakaguchi M. & Ehara T. Enhancement of delayed rectifier $K^+$ current by $P_2$-purinoceptor stimulation in guinea-pig atrial cells **490**, 647, 1996

Matsuura H., Sakaguchi M., Tsuruhara Y. & Ehara T. Activation of the muscarinic $K^+$ channel by $P_2$-purinoceptors via pertussis toxin-sensitive G proteins in guinea-pig atrial cells **490**, 659, 1996

Matsuura H. & Ehara T. Modulation of the muscarinic $K^+$ channel by $P_2$-purinoceptors in guinea-pig atrial myocytes **497**, 379, 1996

Matthews H.R.

Matthews H. R. Static and dynamic actions of cytoplasmic $Ca^{2+}$ in the adaptation of responses to saturating flashes in salamander rods **490**, 1, 1996

Matthews H. R., Fain G. L. & Cornwall M. C. Role of cytoplasmic calcium concentration in the bleaching adaptation of salamander cone photoreceptors **490**, 293, 1996

MATTHEWS P.B.C.

*MATTHEWS P. B. C.* Relationship of firing intervals of human motor units to the trajectory of post-spike after-hyperpolarization and synaptic noise **492**, 597, 1996

MAZET J.-L. *see MÉRY P.-F., HOVE-MADSEN L., MAZET J.-L., HANF R. & FISCHMEISTER R.* **494**, 105, 1996

MEDDINGS J.B. *see LANG M. E., DAVISON J. S., BATES S. L. & MEDDINGS J. B.* **497**, 161, 1996

MEDINA I.

*MEDINA I., FILIPPOVA N., BAKHRAMOV A. & BREGESTOVSKI P.* Calcium-induced inactivation of NMDA receptor–channels evolves independently of run-down in cultured rat brain neurones **495**, 411, 1996

MEHTA A. *see SMITH R. P., SHELLARD R., DHILLON D. P., WINTER J. & MEHTA A.* **496**, 883, 1996

MELLITI K.

*MELLITI K., BOURNAUD R., BASTIDE B. & SHIMAHARA T.* Nifedipine-sensitive intramembrane charge movement in Purkinje cells from mouse cerebellum **490**, 363, 1996

MELLSTRÖM B. *see CASADO M., LÓPEZ-GUAJARDO A., MELLSTRÖM B., NARANJO J. R. & LERMA J.* **490**, 391, 1996

MELVIN J.E. *see ARREOLA J., PARK K., MELVIN J. E. & BEGENISICH T.* **490**, 351, 1996

MENNERICK S.

*MENNERICK S. & ZORUMSKI C. F.* Postsynaptic modulation of NMDA synaptic currents in rat hippocampal microcultures by paired-pulse stimulation **490**, 405, 1996

*see ZORUMSKI C. F., MENNERICK S. & QUE J.* **494**, 465, 1996

MÉRY P.-F.

*MÉRY P.-F., HOVE-MADSEN L., MAZET J.-L., HANF R. & FISCHMEISTER R.* Binding constants determined from $Ca^{2+}$ current responses to rapid applications and washouts of nifedipine in frog cardiac myocytes **494**, 105, 1996

METZGER F. *see AMOS G. J., WETTWER E., METZGER F., LI Q., HIMMEL H. M. & RAVENS U.* **491**, 31, 1996

METZGER J.M.

*METZGER J. M.* Effects of troponin C isoforms on pH sensitivity of contraction in mammalian fast and slow skeletal muscle fibres **492**, 163, 1996

MIAN R.

*MIAN R. & MARSHALL J. M.* The behaviour of muscle microcirculation in chronically hypoxic rats: the role of adenosine **491**, 489, 1996

MICHEL C.C. *see NEAL C. R. & MICHEL C. C.* **492**, 39, 1996

MICHEL M.C. *see BISCHOFF A., ERDBRÜGGER W., SMITS J. & MICHEL M. C.* **495**, 525, 1996

MICHELENA P. *see ALBILLOS A., GANDÍA L., MICHELENA P., GILABERT J.-A., DEL VALLE M., CARBONE E. & GARCÍA A. G.* **494**, 687, 1996

MIELE M.

*MIELE M., BOUTELLE M. G. & FILLENZ M.* The source of physiologically stimulated glutamate efflux from the striatum of conscious rats **497**, 745, 1996

MIHAYLOVA-TODOROVA S. *see TODOROV L. D., MIHAYLOVA-TODOROVA S., CRAVISO G. L., BJUR R. A. & WESTFALL D. P.* **496**, 731, 1996

MILLA P.J. *see RALEVIC V., HOYLE C. H. V., GOSS-SAMPSON M. A., MILLA P. J. & BURNSTOCK G.* **490**, 181, 1996

MILLER D.J. *see O'DOWD A., O'DOWD J. J. & MILLER D. J.* **495**, 535, 1996

MILLS P.C.

*MILLS P. C., MARLIN D. J., DEMONCHEAUX E., SCOTT C., CASAS I., SMITH N. C. & HIGENBOTTAM T.* Nitric oxide and exercise in the horse **495**, 863, 1996

MIN M.-Y.

*MIN M.-Y. & APPENTENG K.* Multimodal distribution of amplitudes of miniature and spontaneous EPSPs recorded in rat trigeminal motoneurones **494**, 171, 1996

MIÑANO F.J.

*MIÑANO F. J., FERNÁNDEZ-ALONSO A., MYERS R. D. & SANCIBRIÁN M.* Hypothalamic interaction between macrophage inflammatory protein-1$\alpha$ (MIP-1$\alpha$) and MIP-1$\beta$ in rats: a new level for fever control? **491**, 209, 1996

MIRALLES F.

*MIRALLES F. & SOLSONA C.* Activity-dependent modulation of the presynaptic potassium current in the frog neuromuscular junction **495**, 717, 1996

MITCHELL G.S. *see LING L., OLSON E. B. JR, VIDRUK E. H. & MITCHELL G. S.* **495**, 561, 1996

MITCHELL J.H. *see ALLY A., HAND G. A. & MITCHELL J. H.* **491**, 519, 1996

MITCHESON J.S. *see LEVI A. J., MITCHESON J. S. & HANCOX J. C.* **492**, 1, 1996

MIYAGI Y.

*MIYAGI Y., KOBAYASHI S., NISHIMURA J., FUKUI M. & KANAIDE H.* $P_{2U}$ receptor is linked to cytosolic $Ca^{2+}$ transient and release of vasorelaxing factor in bovine endothelial cells *in situ* **492**, 751, 1996

MIYASHITA Y. *see KASAI H., TAKAGI H., NINOMIYA Y., KISHIMOTO T., ITO K., YOSHIDA A., YOSHIOKA T. & MIYASHITA Y.* **494**, 53, 1996

MIYAZAKI S. *see SHIRAKAWA H. & MIYAZAKI S.* **494**, 29, 1996

*see OSHIMI Y., OSHIMI K. & MIYAZAKI S.* **495**, 319, 1996

MOLENAAR P.C. *see PLOMP J. J. & MOLENAAR P. C.* **493**, 175, 1996

MOMIYAMA A.

*MOMIYAMA A., FELDMEYER D. & CULL-CANDY S. G.* Identification of a native low-conductance NMDA channel with reduced sensitivity to $Mg^{2+}$ in rat central neurones **494**, 479, 1996

MOMIYAMA T.

*MOMIYAMA T., SIM J. A. & BROWN D. A.* Dopamine $D_1$-like receptor-mediated presynaptic inhibition of excitatory transmission onto rat magnocellular basal forebrain neurones **495**, 97, 1996

MONTROSE M.H. *see CHU S. & MONTROSE M. H.* **494**, 783, 1996

MOODY W.J. *see GREAVES A. A., DAVIS A. K., DALLMAN J. E. & MOODY W. J.* **497**, 39, 1996

MOORHOUSE A. *see ÄMMÄLÄ C., MOORHOUSE A. & ASHCROFT F. M.* **494**, 709, 1996

MORALES E.

*MORALES E., COLE W. C., REMILLARD C. V. & LEBLANC N.* Block of large conductance $Ca^{2+}$-activated $K^+$ channels in rabbit vascular myocytes by internal $Mg^{2+}$ and $Na^+$ **495**, 701, 1996

MORA-RODRÍGUEZ R.

*MORA-RODRÍGUEZ R., GONZÁLEZ-ALONSO J., BELOW P. R. & COYLE E. F.* Plasma catecholamines and hyperglycaemia influence thermoregulation in man during prolonged exercise in the heat **491**, 529, 1996

MORENO M. *see LANNI A., MORENO M., LOMBARDI A. & GOGLIA F.* **494**, 831, 1996

MORGAN D.L.

*MORGAN D. L., CLAFLIN D. R. & JULIAN F. J.* The effects of repeated active stretches on tension generation and myoplasmic calcium in frog single muscle fibres **497**, 665, 1996

MORGAN E.H. *see CHUA A. C. G., STONELL L. M., SAVIGNI D. L. & MORGAN E. H.* **493**, 99, 1996

MORGAN J.J. *see LIN Y. Q., BRAIN K. L., NICHOL K. A., MORGAN J. J. & BENNETT M. R.* **497**, 639, 1996

MORI M.

*MORI M., NISHIZAKI T., KAWAHARA K. & OKADA Y.* ATP-activated cation conductance in a *Xenopus* renal epithelial cell line **491**, 281, 1996

MORIN-SURUN M.-P. *see KATO F., MORIN-SURUN M.-P. & DENAVIT-SAUBIÉ M.* **497**, 539, 1996

MORISHITA W. *see ALGER B. E., PITLER T. A., WAGNER J. J., MARTIN L. A., MORISHITA W., KIROV S. A. & LENZ R. A.* **496**, 197, 1996

MORRIS K.F.

*MORRIS K. F., ARATA A., SHANNON R. & LINDSEY B. G.* Long-term facilitation of phrenic nerve activity in cats: responses and short time-scale correlations of medullary neurones **490**, 463, 1996

*MORRIS K. F., ARATA A., SHANNON R. & LINDSEY B. G.* Inspiratory drive and phase duration during carotid chemoreceptor stimulation in the cat: medullary neurone correlations **491**, 241, 1996

MORRIS S.J.

*MORRIS S. J., KUNZEK S. & SHORE A. C.* The effect of acetylcholine on finger capillary pressure and capillary flow in healthy volunteers **494**, 307, 1996

*MORRIS S. J. & SHORE A. C.* Skin blood flow responses to the iontophoresis of acetylcholine and sodium nitroprusside in man: possible mechanisms **496**, 531, 1996

MORRISON J.D. *see MUIR J. A., BARLOW H. L. & MORRISON J. D.* **497**, 825, 1996

MORTOLA J.P. *see SAIKI C. & MORTOLA J. P.* **491**, 261, 1996

MOSS R.L. *see REISER P. J., GREASER M. L. & MOSS R. L.* **493**, 553, 1996

MOSS S.J. *see KRISHEK B. J., AMATO A., CONNOLLY C. N., MOSS S. J. & SMART T. G.* **492**, 431, 1996

MOTHET J.P.

*MOTHET J. P., FOSSIER P., TAUC L. & BAUX G.* NO decreases evoked quantal ACh release at a synapse of *Aplysia* by a mechanism independent of $Ca^{2+}$ influx and protein kinase G **493**, 769, 1996

MOZHAYEVA G.N. *see MAMIN A. G., KISELYOV K. I. & MOZHAYEVA G. N.* **491**, 697, 1996

MUALLEM S. *see XU X., DIAZ J., ZHAO H. & MUALLEM S.* **491**, 647, 1996

MÜCKENHOFF K. *see KAWAI A., BALLANTYNE D., MÜCKENHOFF K. & SCHEID P.* **492**, 277, 1996

MUIR G.D.

*MUIR G. D., GOSLINE J. M. & STEEVES J. D.* Ontogeny of bipedal locomotion: walking and running in the chick **493**, 589, 1996

MUIR J.A.

*MUIR J. A., BARLOW H. L. & MORRISON J. D.* Invariance of the pattern electroretinogram evoked by psychophysically equivalent stimuli in human ageing **497**, 825, 1996

MUIR T.C. *see RAE M. G. & MUIR T. C.* **493**, 517, 1996

MUMMERY C.J. *see HARTY H. R., MUMMERY C. J., ADAMS L., BANZETT R. B., WRIGHT I. G., BANNER N. R., YACOUB M. H. & GUZ A.* **490**, 805, 1996

MUNK A.A.

*MUNK A. A., ADJEMIAN R. A., ZHAO J., OGBAGHEBRIEL A. & SHRIER A.* Electrophysiological properties of morphologically distinct cells isolated from the rabbit atrioventricular node **493**, 801, 1996

MUNRO G. *see BROWN C. H., MUNRO G., MURPHY N. P., LENG G. & RUSSELL J. A.* **496**, 787, 1996

MUNSON J.B. *see KIRKWOOD P. A. & MUNSON J. B.* **493**, 577, 1996

MURNICK J.G.

*MURNICK J. G. & LAMB T. D.* Kinetics of desensitization induced by saturating flashes in toad and salamander rods **495**, 1, 1996

MURPHY K. *see FINK G. R., ADAMS L., WATSON J. D. G., INNES J. A., WUYAM B., KOBAYASHI I., CORFIELD D. R., MURPHY K., JONES T., FRACKOWIAK R. S. J. & GUZ A.* **494**, 908, 1996

MURPHY N.P. *see BROWN C. H., MUNRO G., MURPHY N. P., LENG G. & RUSSELL J. A.* **496**, 787, 1996

MUTUNGI G.

*MUTUNGI G. & RANATUNGA K. W.* The viscous, viscoelastic and elastic characteristics of resting fast and slow mammalian (rat) muscle fibres **496**, 827, 1996

MYERS A.C. *see RICCIO M. M., MYERS A. C. & UNDEM B. J.* **491**, 499, 1996

*see RICCIO M. M., KUMMER W., BIGLARI B., MYERS A. C. & UNDEM B. J.* **496**, 521, 1996

MYERS R.D. *see MIÑANO F. J., FERNÁNDEZ-ALONSO A., MYERS R. D. & SANCIBRIÁN M.* **491**, 209, 1996

NABEKURA J. *see XU T.-L., NABEKURA J. & AKAIKE N.* **496**, 491, 1996

NADAL A. *see SOBREVIA L., NADAL A., YUDILEVICH D. L. & MANN G. E.* **490**, 775, 1996

*NADAL A., FUENTES E. & MCNAUGHTON P. A.* Albumin stimulates uptake of calcium into subcellular stores in rat cortical astrocytes **492**, 737, 1996

NAIM M. *see BERNHARDT S. J., NAIM M., ZEHAVI U. & LINDEMANN B.* **490**, 325, 1996

NAKAJIMA T. *see HAZAMA H., NAKAJIMA T., HAMADA E., OMATA M. & KURACHI Y.* **492**, 377, 1996

NAKAMURA S. *see WATANABE T., TAN N., SAIKI Y., MAKISUMI T. & NAKAMURA S.* **491**, 231, 1996

NARANJO J.R. *see CASADO M., LÓPEZ-GUAJARDO A., MELLSTRÖM B., NARANJO J. R. & LERMA J.* **490**, 391, 1996

NARICI M. *see CIBELLA F., CUTTITTA G., KAYSER B., NARICI M., ROMANO S. & SAIBENE F.* **494**, 881, 1996

NARICI M.V.

*NARICI M. V., BINZONI T., HILTBRAND E., FASEL J., TERRIER F. & CERRETELLI P. In vivo* human gastrocnemius architecture with changing joint angle at rest and during graded isometric contraction **496**, 287, 1996

NASU M. *see HORIKAWA J., HOSOKAWA Y., KUBOTA M., NASU M. & TANIGUCHI I.* **497**, 629, 1996

NATTEL S. *see YUE L., FENG J., LI G.-R. & NATTEL S.* **496**, 647, 1996

NAVES L.A. *see VAN DER KLOOT W. & NAVES L. A.* **497**, 189, 1996

NEAL C.R.

*NEAL C. R. & MICHEL C. C.* Openings in frog microvascular endothelium induced by high intravascular pressures **492**, 39, 1996

NEELY A. *see OLCESE R., NEELY A., QIN N., WEI X., BIRNBAUMER L. & STEFANI E.* **497**, 675, 1996

NEILD T.O. *see SEGAL S. S. & NEILD T. O.* **496**, 229, 1996

NELSON M.T. *see KNOT H. J., ZIMMERMAN P. A. & NELSON M. T.* **492**, 419, 1996

NEWBERRY N.R. *see BARTRUP J. T. & NEWBERRY N. R.* **490**, 679, 1996

NEYLON M.

*NEYLON M., MARSHALL J. & JOHNS E. J.* The role of the renin–angiotensin system in the renal response to moderate hypoxia in the rat **491**, 479, 1996

NICHOL J.A.

*NICHOL J. A. & HUTTER O. F.* Tensile strength and dilatational elasticity of giant sarcolemmal vesicles shed from rabbit muscle **493**, 187, 1996

*NICHOL J. A. & HUTTER O. F.* $Ca^{2+}$ loading reduces the tensile strength of sarcolemmal vesicles shed from rabbit muscle **493**, 199, 1996

NICHOL K.A. *see LIN Y. Q., BRAIN K. L., NICHOL K. A., MORGAN J. J. & BENNETT M. R.* **497**, 639, 1996

NICHOLS C.G. *see HENRY P., PEARSON W. L. & NICHOLS C. G.* **495**, 681, 1996

NICHOLSON C. *see KRIZAJ D., RICE M. E., WARDLE R. A. & NICHOLSON C.* **492**, 887, 1996

NICLOS B.B. *see SARWAR R., NICLOS B. B. & RUTHERFORD O. M.* **493**, 267, 1996

NICOLL A.

*NICOLL A., KIM H. G. & CONNORS B. W.* Laminar origins of inhibitory synaptic inputs to pyramidal neurons of the rat neocortex **497**, 109, 1996

NIELSEN J.

*NIELSEN J. & PIERROT-DESEILLIGNY E.* Evidence of facilitation of soleus-coupled Renshaw cells during voluntary co-contraction of antagonistic ankle muscles in man **493**, 603, 1996

NIGGLI E. *see LÜSCHER C., LIPP P., LÜSCHER H.-R. & NIGGLI E.* **490**, 319, 1996

*see LIPP P. & NIGGLI E.* **492**, 31, 1996

*see LIPP P., HÜSER J., POTT L. & NIGGLI E.* **497**, 589, 1996

*see LIPP P., HÜSER J., POTT L. & NIGGLI E.* **497**, 599, 1996

NILIUS B. *see VOETS T., BUYSE G., TYTGAT J., DROOGMANS G., EGGERMONT J. & NILIUS B.* **495**, 441, 1996

*see VOETS T., DROOGMANS G. & NILIUS B.* **497**, 95, 1996

NINOMIYA Y. *see KASAI H., TAKAGI H., NINOMIYA Y., KISHIMOTO T., ITO K., YOSHIDA A., YOSHIOKA T. & MIYASHITA Y.* **494**, 53, 1996

NISHIMARU H.

*NISHIMARU H., IIZUKA M., OZAKI S. & KUDO N.* Spontaneous motoneuronal activity mediated by glycine and GABA in the spinal cord of rat fetuses *in vitro* **497**, 131, 1996

NISHIMURA J. *see MIYAGI Y., KOBAYASHI S., NISHIMURA J., FUKUI M. & KANAIDE H.* **492**, 751, 1996

NISHIZAKI T. *see MORI M., NISHIZAKI T., KAWAHARA K. & OKADA Y.* **491**, 281, 1996

NIZZARI M. *see BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V.* **493**, 409, 1996

NOBES M.S. *see POLLOCK C. A., NOBES M. S., GYORY A. Z., HENG P. T. & FIELD M. J.* **490**, 257, 1996

NOBLE D. *see HO W.-K., EARM Y. E., LEE S. H., BROWN H. F. & NOBLE D.* **494**, 727, 1996

NOBLE R. *see WAITES B. A., ACKLAND G. L., NOBLE R. & HANSON M. A.* **495**, 217, 1996

NOLAN M.F. *see LOGAN S. D., PICKERING A. E., GIBSON I. C., NOLAN M. F. & SPANSWICK D.* **495**, 491, 1996

NOON J.P.

*NOON J. P., HAYNES W. G., WEBB D. J. & SHORE A. C.* Local inhibition of nitric oxide generation in man reduces blood flow in finger pulp but not in hand dorsum skin **490**, 501, 1996

NORTH R.A. *see TOKIMASA T. & NORTH R. A.* **496**, 677, 1996

*see EVANS R. J., LEWIS C., VIRGINIO C., LUNDSTROM K., BUELL G., SURPRENANT A. & NORTH R. A.* **497**, 413, 1996

NOWICKY A.V. *see LEYSSENS A., NOWICKY A. V., PATTERSON L., CROMPTON M. & DUCHEN M. R.* **496**, 111, 1996

NUÑEZ L.

*NUÑEZ L. & GARCÍA-SANCHO J.* Two different constituents of plasma increase cytosolic calcium selectively in neurons or glia of primary rat cerebellar cultures **490**, 577, 1996

NUSS H.B.

*NUSS H. B., BALSER J. R., ORIAS D. W., LAWRENCE J. H., TOMASELLI G. F. & MARBAN E.* Coupling between fast and slow inactivation revealed by analysis of a point mutation (F1304Q) in $\mu$1 rat skeletal muscle sodium channels **494**, 411, 1996

*see BALSER J. R., NUSS H. B., CHIAMVIMONVAT N., PÉREZ-GARCÍA M. T., MARBAN E. & TOMASELLI G. F.* **494**, 431, 1996

NUUTILA P. *see RAITAKARI M., NUUTILA P., RUOTSALAINEN U., TERÄS M., ERONEN E., LAINE H., RAITAKARI O. T., IIDA H., KNUUTI M. J. & YKI-JÄRVINEN H.* **496**, 543, 1996

NWOGA J.C.

*NWOGA J. C., SNIFFEN J. C., PEÑA-RASGADO C., KIMLER V. A. & RASGADO-FLORES H.* Effect of pentachlorophenol on calcium accumulation in barnacle muscle cells **491**, 13, 1996

OCHI R. *see ISHIHARA K., HIRAOKA M. & OCHI R.* **491**, 367, 1996

OCHOA J.L. *see CAMPERO M., SERRA J. & OCHOA J. L.* **497**, 565, 1996

O'DOWD A.

*O'DOWD A., O'DOWD J. J. & MILLER D. J.* The dipeptide carnosine constricts rabbit saphenous vein as a zinc complex apparently via a serotonergic receptor **495**, 535, 1996

O'Dowd J.J. *see O'Dowd A., O'Dowd J. J. & Miller D. J.* **495**, 535, 1996
Ogbaghebriel A. *see Munk A. A., Adjemian R. A., Zhao J., Ogbaghebriel A. & Shrier A.* **493**, 801, 1996
Ogden D.C. *see Chizhmakov I. V., Geraghty F. M., Ogden D. C., Hayhurst A., Antoniou M. & Hay A. J.* **494**, 329, 1996
Ogura T. *see Shuba L. M., Ogura T. & McDonald T. F.* **491**, 69, 1996
Oguro K. *see Tsubokawa H., Oguro K., Robinson H. P. C., Masuzawa T. & Kawai N.* **497**, 67, 1996
Ohashi H. *see Kohda M., Komori S., Unno T. & Ohashi H.* **492**, 315, 1996
Ohmori H. *see Ishii T., Hashimoto T. & Ohmori H.* **493**, 371, 1996
*see Hashimoto T., Ishii T. & Ohmori H.* **497**, 611, 1996
Okada Y. *see Mori M., Nishizaki T., Kawahara K. & Okada Y.* **491**, 281, 1996
*see Shigemoto T. & Okada Y.* **495**, 51, 1996
Olcese R.
*Olcese R., Neely A., Qin N., Wei X., Birnbaumer L. & Stefani E.* Coupling between charge movement and pore opening in vertebrate neuronal $\alpha_{1E}$ calcium channels **497**, 675, 1996
Olievier C. *see Wagenaar M., Teppema L., Berkenbosch A., Olievier C. & Folgering H.* **495**, 227, 1996
Olivotto M. *see Faravelli L., Arcangeli A., Olivotto M. & Wanke E.* **496**, 13, 1996
Olson E.B. Jr *see Ling L., Olson E. B. Jr, Vidruk E. H. & Mitchell G. S.* **495**, 561, 1996
Omata M. *see Hazama H., Nakajima T., Hamada E., Omata M. & Kurachi Y.* **492**, 377, 1996
Onimaru H.
*Onimaru H., Ballanyi K. & Richter D. W.* Calcium-dependent responses in neurons of the isolated respiratory network of newborn rats **491**, 677, 1996
Opalko A. *see Stephens G. J., Owen D. G., Opalko A., Pisano M. R., MacGregor W. H. & Robertson B.* **496**, 145, 1996
Orchard C.H. *see Hongo K., White E., Le Guennec J.-Y. & Orchard C. H.* **491**, 609, 1996
Orias D.W. *see Nuss H. B., Balser J. R., Orias D. W., Lawrence J. H., Tomaselli G. F. & Marban E.* **494**, 411, 1996
Osborne P.B.
*Osborne P. B., Vaughan C. W., Wilson H. I. & Christie M. J.* Opioid inhibition of rat periaqueductal grey neurones with identified projections to rostral ventromedial medulla *in vitro* **490**, 383, 1996
Oshimi K. *see Oshimi Y., Oshimi K. & Miyazaki S.* **495**, 319, 1996
Oshimi Y.
*Oshimi Y., Oshimi K. & Miyazaki S.* Necrosis and apoptosis associated with distinct $Ca^{2+}$ response patterns in target cells attacked by human natural killer cells **495**, 319, 1996
Osipenko O.N. *see Evans A. M., Osipenko O. N. & Gurney A. M.* **496**, 407, 1996
Otani S.
*Otani S. & Connor J. A.* A novel synaptic interaction underlying induction of long-term depression in the area CA1 of adult rat hippocampus **492**, 225, 1996
Otto B.
*Otto B., Steusloff A., Just I., Aktories K. & Pfitzer G.* Role of Rho proteins in carbachol-induced contractions in intact and permeabilized guinea-pig intestinal smooth muscle **496**, 317, 1996
Owen D.G. *see Stephens G. J., Owen D. G., Opalko A., Pisano M. R., MacGregor W. H. & Robertson B.* **496**, 145, 1996
Owen V.J.
*Owen V. J., Lamb G. D. & Stephenson D. G.* Effect of low [ATP] on depolarization-induced $Ca^{2+}$ release in skeletal muscle fibres of the toad **493**, 309, 1996
Owens J.A. *see Phillips I. D., Ross J. T., Owens J. A., Young I. R. & McMillen I. C.* **491**, 871, 1996
Owyang C. *see Li Y. & Owyang C.* **494**, 773, 1996
Ozaki S. *see Nishimaru H., Iizuka M., Ozaki S. & Kudo N.* **497**, 131, 1996
Ozawa S. *see Isa T., Itazawa S.-I., Iino M., Tsuzuki K. & Ozawa S.* **491**, 719, 1996
*see Iino M., Koike M., Isa T. & Ozawa S.* **496**, 431, 1996
Pack A.I. *see Woch G., Davies R. O., Pack A. I. & Kubin L.* **490**, 745, 1996
*see Liao G.-S., Kubin L., Galante R. J., Fishman A. P. & Pack A. I.* **492**, 529, 1996
*see Galante R. J., Kubin L., Fishman A. P. & Pack A. I.* **492**, 545, 1996
Palma E.
*Palma E., Bertrand S., Binzoni T. & Bertrand D.* Neuronal nicotinic $\alpha 7$ receptor expressed in *Xenopus* oocytes presents five putative binding sites for methyllycaconitine **491**, 151, 1996
Pan H.-L.
*Pan H.-L. & Longhurst J. C.* Ischaemia-sensitive sympathetic afferents innervating the gastrointestinal tract function as nociceptors in cats **492**, 841, 1996
Pancrazio J.J.
*Pancrazio J. J.* Halothane and isoflurane preferentially depress a slowly inactivating component of $Ca^{2+}$ channel current in guinea-pig myocytes **494**, 91, 1996
Pandit J.J. *see Clement I. D., Pandit J. J., Bascom D. A. & Robbins P. A.* **495**, 875, 1996
Papillo B. *see Vacca G., Papillo B., Battaglia A., Grossini E., Mary D. A. S. G. & Pelosi G.* **491**, 843, 1996
Park K. *see Arreola J., Park K., Melvin J. E. & Begenisich T.* **490**, 351, 1996
Park Y.B.
*Park Y. B., Herrington J., Babcock D. F. & Hille B.* $Ca^{2+}$ clearance mechanisms in isolated rat adrenal chromaffin cells **492**, 329, 1996
Parker I.
*Parker I. & Yao Y.* $Ca^{2+}$ transients associated with openings of inositol trisphosphate-gated channels in *Xenopus* oocytes **491**, 663, 1996
*Parker I., Zang W.-J. & Wier W. G.* $Ca^{2+}$ sparks involving multiple $Ca^{2+}$ release sites along Z-lines in rat heart cells **497**, 31, 1996
Parnas H. *see Bufler J., Wilhelm R., Parnas H., Franke Ch. & Dudel J.* **495**, 83, 1996
Parsons S.J.W.
*Parsons S. J. W., Sumner M. J. & Garland C. J.* Phospholipase $A_2$ and protein kinase C contribute to myofilament sensitization to 5-HT in the rabbit mesenteric artery **491**, 447, 1996
Parveen S. *see Gordienko D. V., Tare M., Parveen S., Fenech C. J., Robinson C. & Bolton T. B.* **496**, 299, 1996
Parvy P. *see Levillain O., Parvy P. & Hus-Citharel A.* **491**, 471, 1996
Pasino E.
*Pasino E., Buffelli M., Arancio O., Busetto G., Salviati A. & Cangiano A.* Effects of long-term conduction block on membrane properties of reinnervated and normally innervated rat skeletal muscle **497**, 457, 1996
Paton J.F.R.
*Paton J. F. R.* The ventral medullary respiratory network of the mature mouse studied in a working heart–brainstem preparation **493**, 819, 1996
Patterson L. *see Leyssens A., Nowicky A. V., Patterson L., Crompton M. & Duchen M. R.* **496**, 111, 1996
Paulais M. *see Guinamard R., Paulais M. & Teulon J.* **490**, 759, 1996
Paulsen O.
*Paulsen O. & Heggelund P.* Quantal properties of spontaneous EPSCs in neurones of the guinea-pig dorsal lateral geniculate nucleus **496**, 759, 1996
Peaker M. *see Wilde C. J., Addey C. V. P. & Peaker M.* **491**, 465, 1996
Pearce R.A.
*Pearce R. A.* Volatile anaesthetic enhancement of paired-pulse depression investigated in the rat hippocampus *in vitro* **492**, 823, 1996
Pearson J.D. *see Bogle R. G., Baydoun A. R., Pearson J. D. & Mann G. E.* **490**, 229, 1996
Pearson W.L. *see Henry P., Pearson W. L. & Nichols C. G.* **495**, 681, 1996
Pei X. *see Volgushev M., Vidyasagar T. R. & Pei X.* **496**, 597, 1996
Pelleg A.
*Pelleg A. & Hurt C. M.* Mechanism of action of ATP on canine pulmonary vagal C fibre nerve terminals **490**, 265, 1996
Pellegrino M.A. *see Bottinelli R., Canepari M., Pellegrino M. A. & Reggiani C.* **495**, 573, 1996
Pelosi G. *see Vacca G., Papillo B., Battaglia A., Grossini E., Mary D. A. S. G. & Pelosi G.* **491**, 843, 1996
Peña-Rasgado C. *see Nwoga J. C., Sniffen J. C., Peña-Rasgado C., Kimler V. A. & Rasgado-Flores H.* **491**, 13, 1996
Peng T.-I. *see Jou M.-J., Peng T.-I. & Sheu S.-S.* **497**, 299, 1996
Penington N.J. *see Chen Y. & Penington N. J.* **496**, 129, 1996
Pennefather P.S. *see Abdul-Ghani M. A., Valiante T. A. & Pennefather P. S.* **495**, 113, 1996
*see Abdul-Ghani M. A., Valiante T. A., Carlen P. L. & Pennefather P. S.* **496**, 139, 1996
Penner R. *see Fleig A. & Penner R.* **494**, 141, 1996
*see Fleig A., Takeshima H. & Penner R.* **496**, 339, 1996

PEPPER D.R.

*PEPPER D. R., LANDAUER R. C. & KUMAR P.* Extracellular potassium and chemosensitivity in the rat carotid body, *in vitro* **493**, 833, 1996

PÉREZ-GARCÍA M.T. *see CHIAMVIMONVAT N., PÉREZ-GARCÍA M. T., TOMASELLI G. F. & MARBAN E.* **491**, 51, 1996

*see KAMP T. J., PÉREZ-GARCÍA M. T. & MARBAN E.* **492**, 89, 1996

*see BALSER J. R., NUSS H. B., CHIAMVIMONVAT N., PÉREZ-GARCÍA M. T., MARBAN E. & TOMASELLI G. F.* **494**, 431, 1996

PETERSEN O.H. *see CAMELLO P., GARDNER J., PETERSEN O. H. & TEPIKIN A. V.* **490**, 585, 1996

PETIT-JACQUES J.

*PETIT-JACQUES J. & HARTZELL H. C.* Effect of arachidonic acid on the L-type calcium current in frog cardiac myocytes **493**, 67, 1996

PETTE D. *see GALLER S., HILBER K. & PETTE D.* **493**, 219, 1996

PFEIFFER-LINN C.L.

*PFEIFFER-LINN C. L. & LASATER E. M.* Dopamine modulates unitary conductance of single PL-type calcium channels in *Roccus chrysops* retinal horizontal cells **496**, 607, 1996

PFITZER G. *see OTTO B., STEUSLOFF A., JUST I., AKTORIES K. & PFITZER G.* **496**, 317, 1996

PHELAN K.D. *see ZHANG X., PHELAN K. D. & GELLER H. M.* **490**, 17, 1996

PHILLIPS I.D.

*PHILLIPS I. D., ROSS J. T., OWENS J. A., YOUNG I. R. & MCMILLEN I. C.* The peptide ACTH(1–39), adrenal growth and steroidogenesis in the sheep fetus after disconnection of the hypothalamus and pituitary **491**, 871, 1996

PHILLIPS S.K.

*PHILLIPS S. K., SANDERSON A. G., BIRCH K., BRUCE S. A. & WOLEDGE R. C.* Changes in maximal voluntary force of human adductor pollicis muscle during the menstrual cycle **496**, 551, 1996

PICKERING A.E. *see LOGAN S. D., PICKERING A. E., GIBSON I. C., NOLAN M. F. & SPANSWICK D.* **495**, 491, 1996

PIERAU F.-K. *see YAKIMOVA K., SANN H., SCHMID H. A. & PIERAU F.-K.* **494**, 217, 1996

*see LYNN B., SCHÜTTERLE S. & PIERAU F.-K.* **494**, 587, 1996

PIERREFICHE O. *see HAJI A., PIERREFICHE O., LALLEY P. M. & RICHTER D. W.* **494**, 297, 1996

*PIERREFICHE O., BISCHOFF A. M. & RICHTER D. W.* ATP-sensitive $K^+$ channels are functional in expiratory neurones of normoxic cats **494**, 399, 1996

*see HAJI A., PIERREFICHE O., TAKEDA R., FOUTZ A. S., CHAMPAGNAT J. & DENAVIT-SAUBIÉ M.* **495**, 851, 1996

PIERROT-DESEILLIGNY E. *see NIELSEN J. & PIERROT-DESEILLIGNY E.* **493**, 603, 1996

PISANO M.R. *see STEPHENS G. J., OWEN D. G., OPALKO A., PISANO M. R., MACGREGOR W. H. & ROBERTSON B.* **496**, 145, 1996

PITLER T.A. *see ALGER B. E., PITLER T. A., WAGNER J. J., MARTIN L. A., MORISHITA W., KIROV S. A. & LENZ R. A.* **496**, 197, 1996

PLOMP J.J.

*PLOMP J. J. & MOLENAAR P. C.* Involvement of protein kinases in the upregulation of acetylcholine release at endplates of α-bungarotoxin-treated rats **493**, 175, 1996

POHL J. *see GERTHOFFER W. T., YAMBOLIEV I. A., SHEARER M., POHL J., HAYNES R., DANG S., SATO K. & SELLERS J. R.* **495**, 597, 1996

POLIAKOV A.V.

*POLIAKOV A. V., POWERS R. K., SWACZUK A. & BINDER M. D.* Effects of background noise on the response of rat and cat motoneurones to excitatory current transients **495**, 143, 1996

POLLOCK C.A.

*POLLOCK C. A., NOBES M. S., GYORY A. Z., HENG P. T. & FIELD M. J.* Transferable circulating factors and epithelial sodium transport after unilateral nephrectomy in the rat **490**, 257, 1996

PONGS O. *see HEINEMANN S. H., RETTIG J., GRAACK H.-R. & PONGS O.* **493**, 625, 1996

POO M. *see WANG X., ZHENG J. Q. & POO M.* **491**, 187, 1996

POOSCH M. *see WAKADE A. R., WAKADE T. D., POOSCH M. & BANNON M. J.* **494**, 67, 1996

POPP R.

*POPP R., BAUERSACHS J., HECKER M., FLEMING I. & BUSSE R.* A transferable, β-naphthoflavone-inducible, hyperpolarizing factor is synthesized by native and cultured porcine coronary endothelial cells **497**, 699, 1996

PORONNIK P. *see STEWARD M. C., PORONNIK P. & COOK D. I.* **494**, 819, 1996

POSTERINO G.S.

*POSTERINO G. S. & LAMB G. D.* Effects of reducing agents and oxidants on excitation–contraction coupling in skeletal muscle fibres of rat and toad **496**, 809, 1996

POSTON L. *see MCKINNON W., AARONSON P. I., KNOCK G., GRAVES J. & POSTON L.* **490**, 783, 1996

*see COCKELL A. P. & POSTON L.* **495**, 545, 1996

POTMA E.J.

*POTMA E. J. & STIENEN G. J. M.* Increase in ATP consumption during shortening in skinned fibres from rabbit psoas muscle: effects of inorganic phosphate **496**, 1, 1996

POTT L. *see BÜNEMANN M., BRANDTS B. & POTT L.* **494**, 351, 1996

*see LIPP P., HÜSER J., POTT L. & NIGGLI E.* **497**, 589, 1996

*see LIPP P., HÜSER J., POTT L. & NIGGLI E.* **497**, 599, 1996

POUCHER S.M.

*POUCHER S. M.* The role of the $A_{2A}$ adenosine receptor subtype in functional hyperaemia in the hindlimb of anaesthetized cats **492**, 495, 1996

POULTER M.O. *see DOMINGUEZ-PERROT C., FELTZ P. & POULTER M. O.* **497**, 145, 1996

POWERS R.K. *see POLIAKOV A. V., POWERS R. K., SWACZUK A. & BINDER M. D.* **495**, 143, 1996

POYNER D.R. *see GOSLING M., POYNER D. R. & SMITH J. W.* **493**, 613, 1996

PRICE F.M.

*PRICE F. M., LEVICK J. R. & MASON R. M.* Glycosaminoglycan concentration in synovium and other tissues of rabbit knee in relation to synovial hydraulic resistance **495**, 803, 1996

*PRICE F. M., LEVICK J. R. & MASON R. M.* Changes in glycosaminoglycan concentration and synovial permeability at raised intra-articular pressure in rabbit knees **495**, 821, 1996

PRIEBE L.

*PRIEBE L., FRIEDRICH M. & BENNDORF K.* Functional interaction between $K_{ATP}$ channels and the $Na^+$–$K^+$ pump in metabolically inhibited heart cells of the guinea-pig **492**, 405, 1996

PRIEL Z. *see KORNGREEN A. & PRIEL Z.* **497**, 53, 1996

PRING M. *see FLEISCHMANN B. K., WANG Y.-X., PRING M. & KOTLIKOFF M. I.* **492**, 347, 1996

PROCHAZKA A. *see COLLINS D. F. & PROCHAZKA A.* **496**, 857, 1996

PROKS P. *see ELIASSON L., PROKS P., ÄMMÄLÄ C., ASHCROFT F. M., BOKVIST K., RENSTRÖM E., RORSMAN P. & SMITH P. A.* **493**, 755, 1996

*PROKS P., ELIASSON L., ÄMMÄLÄ C., RORSMAN P. & ASHCROFT F. M.* $Ca^{2+}$- and GTP-dependent exocytosis in mouse pancreatic β-cells involves both common and distinct steps **496**, 255, 1996

PROSKE U. *see WOOD S. A., GREGORY J. E. & PROSKE U.* **497**, 279, 1996

PUMAIN R. *see AVOLI M., LOUVEL J., KURCEWICZ I., PUMAIN R. & BARBAROSIE M.* **493**, 707, 1996

PURO D.G. *see KUSAKA S., DABIN I., BARNSTABLE C. J. & PURO D. G.* **497**, 813, 1996

PUSCH M. *see RYCHKOV G. Y., PUSCH M., ASTILL D. ST J., ROBERTS M. L., JENTSCH T. J. & BRETAG A. H.* **497**, 423, 1996

QIN N. *see OLCESE R., NEELY A., QIN N., WEI X., BIRNBAUMER L. & STEFANI E.* **497**, 675, 1996

QUAYLE J.M.

*QUAYLE J. M., DART C. & STANDEN N. B.* The properties and distribution of inward rectifier potassium currents in pig coronary arterial smooth muscle **494**, 715, 1996

QUE J. *see ZORUMSKI C. F., MENNERICK S. & QUE J.* **494**, 465, 1996

QUELLMALZ U.J.A. *see RAMIREZ J. M., QUELLMALZ U. J. A. & RICHTER D. W.* **491**, 799, 1996

RABER G. *see BUSCH A. E., KOPP H.-G., WALDEGGER S., SAMARZIJA I., SÜßBRICH H., RABER G., KUNZELMANN K., RUPPERSBERG J. P. & LANG F.* **491**, 735, 1996

RADEMAKER A.C.H.J. *see SANT' ANA PEREIRA J. A. A., SARGEANT A. J., RADEMAKER A. C. H. J., DE HAAN A. & VAN MECHELEN W.* **496**, 583, 1996

RAE M.G.

*RAE M. G. & MUIR T. C.* Neuronal mediators of inhibitory junction potentials and relaxation in the guinea-pig internal anal sphincter **493**, 517, 1996

RAFTOS J.E.

*RAFTOS J. E., BOOKCHIN R. M. & LEW V. L.* Distribution of chloride permeabilities in normal human red cells **491**, 773, 1996

RAITAKARI M.

*RAITAKARI M., NUUTILA P., RUOTSALAINEN U., TERÄS M., ERONEN E., LAINE H., RAITAKARI O. T., IIDA H., KNUUTI M. J. & YKI-JÄRVINEN H.* Relationship between limb and muscle blood flow in man **496**, 543, 1996

Raitakari O.T. *see* Raitakari M., Nuutila P., Ruotsalainen U., Teräs M., Eronen E., Laine H., Raitakari O. T., Iida H., Knuuti M. J. & Yki-Järvinen H. **496**, 543, 1996

Rajerison R. *see* Buffin-Meyer B., Marsy S., Barlet-Bas C., Cheval L., Younes-Ibrahim M., Rajerison R. & Doucet A. **490**, 623, 1996

Ralevic V.

Ralevic V., Hoyle C. H. V., Goss-Sampson M. A., Milla P. J. & Burnstock G. Effect of chronic vitamin E deficiency on sympathetic and sensorimotor function in rat mesenteric arteries **490**, 181, 1996

Ramirez J.M.

Ramirez J. M., Quellmalz U. J. A. & Richter D. W. Postnatal changes in the mammalian respiratory network as revealed by the transverse brainstem slice of mice **491**, 799, 1996

Ramnani N.

Ramnani N. & Yeo C. H. Reversible inactivations of the cerebellum prevent the extinction of conditioned nictitating membrane responses in rabbits **495**, 159, 1996

Ramnarine S.I.

Ramnarine S. I., Haddad E.-B., Khawaja A. M., Mak J. C. W. & Rogers D. F. On muscarinic control of neurogenic mucus secretion in ferret trachea **494**, 577, 1996

Ramsden C.A. *see* Berger P. J., Smolich J. J., Ramsden C. A. & Walker A. M. **492**, 905, 1996

Ranatunga K.W. *see* Mutungi G. & Ranatunga K. W. **496**, 827, 1996

Ransom B.R. *see* Rose C. R. & Ransom B. R. **491**, 291, 1996

Rasgado-Flores H. *see* Nwoga J. C., Sniffen J. C., Peña-Rasgado C., Kimler V. A. & Rasgado-Flores H. **491**, 13, 1996

Ravens U. *see* Amos G. J., Wettwer E., Metzger F., Li Q., Himmel H. M. & Ravens U. **491**, 31, 1996

Ravi K. *see* Bonham A. C., Kott K. S., Ravi K., Kappagoda C. T. & Joad J. P. **493**, 229, 1996

Recchia F.A. *see* Saeki A., Recchia F. A., Senzaki H. & Kass D. A. **491**, 455, 1996

Rechkemmer G.

Rechkemmer G., Frizzell R. A. & Halm D. R. Active potassium transport across guinea-pig distal colon: action of secretagogues **493**, 485, 1996

Reddy S. *see* Györy Á. Z., Salipan-Moore N. & Reddy S. **492**, 897, 1996

Redman R.S. *see* Silinsky E. M. & Redman R. S. **492**, 815, 1996

Redman S.J. *see* Stricker C., Field A. C. & Redman S. J. **490**, 419, 1996

*see* Stricker C., Field A. C. & Redman S. J. **490**, 443, 1996

Reed R.K. *see* Rodt S. Å., Åhlén K., Berg A., Rubin K. & Reed R. K. **495**, 193, 1996

Reggiani C. *see* Stienen G. J. M., Kiers J. L., Bottinelli R. & Reggiani C. **493**, 299, 1996

*see* Bottinelli R., Canepari M., Pellegrino M. A. & Reggiani C. **495**, 573, 1996

Reid S.N.M.

Reid S. N. M., Daw N. W., Czepita D., Flavin H. J. & Sessa W. C. Inhibition of nitric oxide synthase does not alter ocular dominance shifts in kitten visual cortex **494**, 511, 1996

Reinach E. *see* Lafortuna C. L., Reinach E. & Saibene F. **492**, 587, 1996

Reis D.J. *see* Sun M. & Reis D. J. **492**, 559, 1996

*see* Golanov E. V. & Reis D. J. **495**, 201, 1996

Reiser P.J.

Reiser P. J., Greaser M. L. & Moss R. L. Contractile properties and protein isoforms of single fibres from the chicken pectoralis red strip muscle **493**, 553, 1996

Remillard C.V.

Remillard C. V. & Leblanc N. Mechanism of inhibition of delayed rectifier $K^+$ current by 4-aminopyridine in rabbit coronary myocytes **491**, 383, 1996

*see* Morales E., Cole W. C., Remillard C. V. & Leblanc N. **495**, 701, 1996

Renaud L.P. *see* Hermes M. L. H. J., Coderre E. M., Buijs R. M. & Renaud L. P. **496**, 749, 1996

Rennie M.J. *see* Low S. Y., Taylor P. M. & Rennie M. J. **492**, 877, 1996

*see* Low S. Y., Rennie M. J. & Taylor P. M. **495**, 299, 1996

Renström E.

Renström E., Eliasson L., Bokvist K. & Rorsman P. Cooling inhibits exocytosis in single mouse pancreatic B-cells by suppression of granule mobilization **494**, 41, 1996

*see* Eliasson L., Proks P., Ämmälä C., Ashcroft F. M., Bokvist K., Renström E., Rorsman P. & Smith P. A. **493**, 755, 1996

Rettig J. *see* Heinemann S. H., Rettig J., Graack H.-R. & Pongs O. **493**, 625, 1996

Reymann K.G. *see* Brown R. E. & Reymann K. G. **496**, 175, 1996

Reynolds I.J. *see* Stout A. K., Li-Smerin Y., Johnson J. W. & Reynolds I. J. **492**, 641, 1996

Rho J.M.

Rho J. M., Donevan S. D. & Rogawski M. A. Direct activation of $GABA_A$ receptors by barbiturates in cultured rat hippocampal neurons **497**, 509, 1996

Riccio M.M.

Riccio M. M., Myers A. C. & Undem B. J. Immunomodulation of afferent neurons in guinea-pig isolated airway **491**, 499, 1996

Riccio M. M., Kummer W., Biglari B., Myers A. C. & Undem B. J. Interganglionic segregation of distinct vagal afferent fibre phenotypes in guinea-pig airways **496**, 521, 1996

Rice M.E. *see* Krizaj D., Rice M. E., Wardle R. A. & Nicholson C. **492**, 887, 1996

Richard Ph. *see* Dayanithi G., Widmer H. & Richard Ph. **490**, 713, 1996

Richards W.

Richards W., Hillsley K., Eastwood C. & Grundy D. Sensitivity of vagal mucosal afferents to cholecystokinin and its role in afferent signal transduction in the rat **497**, 473, 1996

Richter D.W. *see* Onimaru H., Ballanyi K. & Richter D. W. **491**, 677, 1996

*see* Ramirez J. M., Quellmalz U. J. A. & Richter D. W. **491**, 799, 1996

*see* Haji A., Pierrefiche O., Lalley P. M. & Richter D. W. **494**, 297, 1996

*see* Pierrefiche O., Bischoff A. M. & Richter D. W. **494**, 399, 1996

Richter E.A. *see* Helge J. W., Richter E. A. & Kiens B. **492**, 293, 1996

*see* Asp S., Daugaard J. R., Kristiansen S., Kiens B. & Richter E. A. **494**, 891, 1996

*see* Bangsbo J., Madsen K., Kiens B. & Richter E. A. **495**, 587, 1996

Ridding M.C. *see* Ziemann U., Rothwell J. C. & Ridding M. C. **496**, 873, 1996

Ridge R.M.A.P.

Ridge R. M. A. P. & Rowlerson A. Motor units of juvenile rat lumbrical muscles and fibre type compositions of the glycogen-depleted component **497**, 199, 1996

Rieke F.

Rieke F. & Schwartz E. A. Asynchronous transmitter release: control of exocytosis and endocytosis at the salamander rod synapse **493**, 1, 1996

Ríos E. *see* Shirokova N. & Ríos E. **493**, 317, 1996

*see* Shirokova N. & Ríos E. **493**, 341, 1996

Risso S.

Risso S., DeFelice L. J. & Blakely R. D. Sodium-dependent GABA-induced currents in GAT1-transfected HeLa cells **490**, 691, 1996

Ritch P.S. *see* Winder D. G., Ritch P. S., Gereau R. W. IV & Conn P. J. **494**, 743, 1996

Ritchie J.M. *see* Baker M. D. & Ritchie J. M. **490**, 79, 1996

Robbins P.A. *see* Clement I. D., Pandit J. J., Bascom D. A. & Robbins P. A. **495**, 875, 1996

Roberts M.L. *see* Rychkov G. Y., Pusch M., Astill D. St J., Roberts M. L., Jentsch T. J. & Bretag A. H. **497**, 423, 1996

Robertson B. *see* Stephens G. J., Owen D. G., Opalko A., Pisano M. R., MacGregor W. H. & Robertson B. **496**, 145, 1996

Robinson C. *see* Gordienko D. V., Tare M., Parveen S., Fenech C. J., Robinson C. & Bolton T. B. **496**, 299, 1996

Robinson H.P.C. *see* Tsubokawa H., Oguro K., Robinson H. P. C., Masuzawa T. & Kawai N. **497**, 67, 1996

Robinson I.M.

Robinson I. M., Kinnick R. R., Greenleaf J. F. & Fernandez J. M. Stimulation of secretion from bovine adrenal chromaffin cells by microsecond bursts of therapeutic levels of ultrasound **492**, 257, 1996

Robinson R.B. *see* Zaza A., Robinson R. B. & DiFrancesco D. **491**, 347, 1996

*see* Baruscotti M., DiFrancesco D. & Robinson R. B. **492**, 21, 1996

Rodt S.Å.

Rodt S. Å., Åhlén K., Berg A., Rubin K. & Reed R. K. A novel physiological function for platelet-derived growth factor-BB in rat dermis **495**, 193, 1996

Rogawski M.A. *see* Rho J. M., Donevan S. D. & Rogawski M. A. **497**, 509, 1996

Rogers D.F. *see* Ramnarine S. I., Haddad E.-B, Khawaja A. M., Mak J. C. W. & Rogers D. F. **494**, 577, 1996

Rogers T.B. *see* duBell W. H., Lederer W. J. & Rogers T. B. **493**, 793, 1996

Rogier C. *see* Desaphy J.-F., Rogier C. & Joffre M. **495**, 23, 1996

ROMANO S. *see CIBELLA F., CUTTITTA G., KAYSER B., NARICI M., ROMANO S. & SAIBENE F.* **494**, 881, 1996

RONG W. *see LIPSKI J., KANJHAN R., KRUSZEWSKA B. & RONG W.* **490**, 729, 1996

RÖRIG B.
*RÖRIG B., KLAUSA G. & SUTOR B.* Intracellular acidification reduced gap junction coupling between immature rat neocortical pyramidal neurones **490**, 31, 1996

RORSMAN P. *see ELIASSON L., PROKS P., ÄMMÄLÄ C., ASHCROFT F. M., BOKVIST K., RENSTRÖM E., RORSMAN P. & SMITH P. A.* **493**, 755, 1996
*see RENSTRÖM E., ELIASSON L., BOKVIST K. & RORSMAN P.* **494**, 41, 1996
*see PROKS P., ELIASSON L., ÄMMÄLÄ C., RORSMAN P. & ASHCROFT F. M.* **496**, 255, 1996

ROSE C.R.
*ROSE C. R. & RANSOM B. R.* Intracellular sodium homeostasis in rat hippocampal astrocytes **491**, 291, 1996

ROSE D. *see KHATER-BOIDIN J., ROSE D. & DURON B.* **495**, 255, 1996

ROSS J.T. *see PHILLIPS I. D., ROSS J. T., OWENS J. A., YOUNG I. R. & MCMILLEN I. C.* **491**, 871, 1996

ROTHBERG B.S.
*ROTHBERG B. S., BELLO R. A., SONG L. & MAGLEBY K. L.* High $Ca^{2+}$ concentrations induce a low activity mode and reveal $Ca^{2+}$-independent long shut intervals in BK channels from rat muscle **493**, 673, 1996

ROTHWELL J.C. *see ZIEMANN U., ROTHWELL J. C. & RIDDING M. C.* **496**, 873, 1996

ROUGIER O. *see ALLARD B., BERNENGO J.-C., ROUGIER O. & JACQUEMOND V.* **494**, 337, 1996

ROWAN M.J. *see WANG Y., WU J., ROWAN M. J. & ANWYL R.* **495**, 755, 1996

ROWE I.C.M.
*ROWE I. C. M., TREHERNE J. M. & ASHFORD M. L. J.* Activation by intracellular ATP of a potassium channel in neurones from rat basomedial hypothalamus **490**, 97, 1996
*ROWE I. C. M., BODEN P. R. & ASHFORD M. L. J.* Potassium channel dysfunction in hypothalamic glucose-receptive neurones of obese Zucker rats **497**, 365, 1996

ROWE M.J. *see MACKIE P. D., ZHANG H. Q., SCHMIDT R. F. & ROWE M. J.* **494**, 529, 1996

ROWLERSON A. *see RIDGE R. M. A. P. & ROWLERSON A.* **497**, 199, 1996

RUBIN K. *see RODT S. Å., ÅHLÉN K., BERG A., RUBIN K. & REED R. K.* **495**, 193, 1996

RUBINO A.
*RUBINO A. & BURNSTOCK G.* Possible role of diadenosine polyphosphates as modulators of cardiac sensory–motor neurotransmission in guinea-pigs **495**, 515, 1996

RUBIO L.S. *see ALVAREZ J. L., RUBIO L. S. & VASSORT G.* **491**, 321, 1996

RUOTSALAINEN U. *see RAITAKARI M., NUUTILA P., RUOTSALAINEN U., TERÄS M., ERONEN E., LAINE H., RAITAKARI O. T., IIDA H., KNUUTI M. J. & YKI-JÄRVINEN H.* **496**, 543, 1996

RUPPERSBERG J.P. *see BUSCH A. E., KOPP H.-G., WALDEGGER S., SAMARZIJA I., SÜßBRICH H., RABER G., KUNZELMANN K., RUPPERSBERG J. P. & LANG F.* **491**, 735, 1996

RUSSELL J.A. *see BROWN C. H., MUNRO G., MURPHY N. P., LENG G. & RUSSELL J. A.* **496**, 787, 1996

RUSSO R.E.
*RUSSO R. E. & HOUNSGAARD J.* Plateau-generating neurones in the dorsal horn in an *in vitro* preparation of the turtle spinal cord **493**, 39, 1996
*RUSSO R. E. & HOUNSGAARD J.* Burst-generating neurones in the dorsal horn in an *in vitro* preparation of the turtle spinal cord **493**, 55, 1996

RUTHAZER E.S.
*RUTHAZER E. S., GILLESPIE D. C., DAWSON T. M., SNYDER S. H. & STRYKER M. P.* Inhibition of nitric oxide synthase does not prevent ocular dominance plasticity in kitten visual cortex **494**, 519, 1996

RUTHERFORD O.M. *see SARWAR R., NICLOS B. B. & RUTHERFORD O. M.* **493**, 267, 1996

RYCHKOV G.Y.
*RYCHKOV G. Y., PUSCH M., ASTILL D. ST J., ROBERTS M. L., JENTSCH T. J. & BRETAG A. H.* Concentration and pH dependence of skeletal muscle chloride channel ClC-1 **497**, 423, 1996

SAEKI A.
*SAEKI A., RECCHIA F. A., SENZAKI H. & KASS D. A.* Minimal role of nitric oxide in basal coronary flow regulation and cardiac energetics of blood-perfused isolated canine heart **491**, 455, 1996

SAFRONOV B.V.
*SAFRONOV B. V., BISCHOFF U. & VOGEL W.* Single voltage-gated $K^+$ channels and their functions in small dorsal root ganglion neurones of rat **493**, 393, 1996
*SAFRONOV B. V. & VOGEL W.* Properties and functions of $Na^+$-activated $K^+$ channels in the soma of rat motoneurones **497**, 727, 1996

SAGE S.O. *see MARCHENKO S. M. & SAGE S. O.* **492**, 53, 1996

SAGOO M.S.
*SAGOO M. S. & LAGNADO L.* The action of cytoplasmic calcium on the cGMP-activated channel in salamander rod photoreceptors **497**, 309, 1996

SAH R. *see HANNA W. J. B., TSUSHIMA R. G., SAH R., MCCUTCHEON L. J., MARBAN E. & BACKX P. H.* **497**, 349, 1996

SAIBENE F. *see LAFORTUNA C. L., REINACH E. & SAIBENE F.* **492**, 587, 1996
*see CIBELLA F., CUTTITTA G., KAYSER B., NARICI M., ROMANO S. & SAIBENE F.* **494**, 881, 1996

SAIKI C.
*SAIKI C. & MORTOLA J. P.* Effect of $CO_2$ on the metabolic and ventilatory responses to ambient temperature in conscious adult and newborn rats **491**, 261, 1996

SAIKI Y. *see WATANABE T., TAN N., SAIKI Y., MAKISUMI T. & NAKAMURA S.* **491**, 231, 1996

SAINT D.A. *see JU Y.-K., SAINT D. A. & GAGE P. W.* **497**, 337, 1996

ST JOHN W.M. *see WANG W., FUNG M.-L., DARNALL R. A. & ST JOHN W. M.* **490**, 277, 1996

SAITOE M.
*SAITOE M., INAZAWA T. & TAKAHASHI K.* Neuronal expression in cleavage-arrested ascidian blastomeres requires gap junctional uncoupling from neighbouring cells **491**, 825, 1996

SAKAGUCHI M. *see MATSUURA H., TSURUHARA Y., SAKAGUCHI M. & EHARA T.* **490**, 647, 1996
*see MATSUURA H., SAKAGUCHI M., TSURUHARA Y. & EHARA T.* **490**, 659, 1996

SAKAI R.
*SAKAI R., HAGIWARA N., MATSUDA N., KASANUKI H. & HOSODA S.* Sodium–potassium pump current in rabbit sino-atrial node cells **490**, 51, 1996

SAKMANN B. *see WOLLMUTH L. P., KUNER T., SEEBURG P. H. & SAKMANN B.* **491**, 779, 1996
*see HERLITZE S., VILLARROEL A., WITZEMANN V., KOENEN M. & SAKMANN B.* **492**, 775, 1996
*see BURNASHEV N., VILLARROEL A. & SAKMANN B.* **496**, 165, 1996
*see VILLARROEL A. & SAKMANN B.* **496**, 331, 1996

SALGADO-COMMISSARIAT D. *see ALKADHI K. A., SALGADO-COMMISSARIAT D., HOGAN Y. H. & AKPAUDO S. B.* **496**, 479, 1996

SALIPAN-MOORE N. *see GYÖRY Á. Z., SALIPAN-MOORE N. & REDDY S.* **492**, 897, 1996

SALTIN B. *see MACLEAN D. A., GRAHAM T. E. & SALTIN B.* **493**, 909, 1996
*see VAN HALL G., MACLEAN D. A., SALTIN B. & WAGENMAKERS A. J. M.* **494**, 899, 1996

SALVIATI A. *see PASINO E., BUFFELLI M., ARANCIO O., BUSETTO G., SALVIATI A. & CANGIANO A.* **497**, 457, 1996

SALVIATI G. *see LI X., HUGHES S. M., SALVIATI G., TERESI A. & LARSSON L.* **494**, 555, 1996

SAMARZIJA I. *see BUSCH A. E., KOPP H.-G., WALDEGGER S., SAMARZIJA I., SÜßBRICH H., RABER G., KUNZELMANN K., RUPPERSBERG J. P. & LANG F.* **491**, 735, 1996

SÁNCHEZ-ANDRÉS J.V. *see VALDEOLMILLOS M., GOMIS A. & SÁNCHEZ-ANDRÉS J. V.* **493**, 9, 1996

SANCIBRIÁN M. *see MIÑANO F. J., FERNÁNDEZ-ALONSO A., MYERS R. D. & SANCIBRIÁN M.* **491**, 209, 1996

SANDERS K.M. *see SHUTTLEWORTH C. W. R., KOH S. D., BAYGINOV O. & SANDERS K. M.* **493**, 651, 1996

SANDERSON A.G. *see PHILLIPS S. K., SANDERSON A. G., BIRCH K., BRUCE S. A. & WOLEDGE R. C.* **496**, 551, 1996

SANDGAARD N.C.F.
*SANDGAARD N. C. F. & BIE P.* Natriuretic effect of non-pressor doses of endothelin-1 in conscious dogs **494**, 809, 1996

SANN H. *see YAKIMOVA K., SANN H., SCHMID H. A. & PIERAU F.-K.* **494**, 217, 1996

SANT' ANA PEREIRA J.A.A.
*SANT' ANA PEREIRA J. A. A., SARGEANT A. J., RADEMAKER A. C. H. J., DE HAAN A. & VAN MECHELEN W.* Myosin heavy chain isoform expression and high energy phosphate content in human muscle fibres at rest and post-exercise **496**, 583, 1996

SARANTIS M. *see TAKAHASHI M., SARANTIS M. & ATTWELL D.* **497**, 523, 1996

SARGEANT A.J. *see* SANT' ANA PEREIRA J. A. A., SARGEANT A. J., RADEMAKER A. C. H. J., DE HAAN A. & VAN MECHELEN W. **496**, 583, 1996

SÁRKÖZI S.
*SÁRKÖZI S., SZENTESI P., JONA I. & CSERNOCH L.* Effects of cardiac glycosides on excitation–contraction coupling in frog skeletal muscle fibres **495**, 611, 1996

SARWAR R.
*SARWAR R., NICLOS B. B. & RUTHERFORD O. M.* Changes in muscle strength, relaxation rate and fatiguability during the human menstrual cycle **493**, 267, 1996

SATO H.
*SATO H., KATSUYAMA N., TAMURA H., HATA Y. & TSUMOTO T.* Mechanisms underlying orientation selectivity of neurons in the primary visual cortex of the macaque **494**, 757, 1996

SATO K. *see* GERTHOFFER W. T., YAMBOLIEV I. A., SHEARER M., POHL J., HAYNES R., DANG S., SATO K. & SELLERS J. R. **495**, 597, 1996

SAVIGNI D.L. *see* CHUA A. C. G., STONELL L. M., SAVIGNI D. L. & MORGAN E. H. **493**, 99, 1996

SCAMPS F.
*SCAMPS F.* Characterization of a $\beta$-adrenergically inhibited $K^+$ current in rat cardiac ventricular cells **491**, 81, 1996

SCHEID P. *see* KAWAI A., BALLANTYNE D., MÜCKENHOFF K. & SCHEID P. **492**, 277, 1996

SCHIEPPATI M.
*SCHIEPPATI M., TROMPETTO C. & ABBRUZZESE G.* Selective facilitation of responses to cortical stimulation of proximal and distal arm muscles by precision tasks in man **491**, 551, 1996

SCHIRRA C. *see* GARASCHUK O., SCHNEGGENBURGER R., SCHIRRA C., TEMPIA F. & KONNERTH A. **491**, 757, 1996

SCHLICHTER R. *see* CIRANNA L., FELTZ P. & SCHLICHTER R. **490**, 595, 1996

SCHLUE W.-R. *see* GÜNZEL D. & SCHLUE W.-R. **491**, 595, 1996

SCHLUMBOHM C. see SCHRÖDER B., SCHLUMBOHM C., KAUNE R. & BREVES G. **492**, 715, 1996

SCHMID H.A. *see* YAKIMOVA K., SANN H., SCHMID H. A. & PIERAU F.-K. **494**, 217, 1996

SCHMIDT R.F. *see* MACKIE P. D., ZHANG H. Q., SCHMIDT R. F. & ROWE M. J. **494**, 529, 1996

SCHNEGGENBURGER R. *see* GARASCHUK O., SCHNEGGENBURGER R., SCHIRRA C., TEMPIA F. & KONNERTH A. **491**, 757, 1996

SCHNEIDER M.F. *see* LACAMPAGNE A., LEDERER W. J., SCHNEIDER M. F. & KLEIN M. G. **497**, 581, 1996

SCHOLLMEIER F. *see* FREY U., FREY S., SCHOLLMEIER F. & KRUG M. **490**, 703, 1996

SCHÖNHERR R.
*SCHÖNHERR R. & HEINEMANN S. H.* Molecular determinants for activation and inactivation of HERG, a human inward rectifier potassium channel **493**, 635, 1996

SCHOUENBORG J. *see* HOLMBERG H. & SCHOUENBORG J. **493**, 239, 1996
*see* WENG H.-R. & SCHOUENBORG J. **493**, 253, 1996
*see* HOLMBERG H. & SCHOUENBORG J. **495**, 399, 1996

SCHRÖDER B.
*SCHRÖDER B., SCHLUMBOHM C., KAUNE R. & BREVES G.* Role of calbindin-$D_{9k}$ in buffering cytosolic free $Ca^{2+}$ ions in pig duodenal enterocytes **492**, 715, 1996

SCHULMAN H. *see* BRAUN A. P. & SCHULMAN H. **495**, 743, 1996

SCHÜTTE M.
*SCHÜTTE M. & WOLOSIN J. M.* $Ca^{2+}$ mobilization and interlayer signal transfer in the heterocellular bilayered epithelium of the rabbit ciliary body **496**, 25, 1996

SCHÜTTERLE S. *see* LYNN B., SCHÜTTERLE S. & PIERAU F.-K. **494**, 587, 1996

SCHWARTZ E.A. *see* RIEKE F. & SCHWARTZ E. A. **493**, 1, 1996

SCHWARTZKROIN P.A. *see* STROWBRIDGE B. W. & SCHWARTZKROIN P. A. **494**, 493, 1996

SCHWIENING C.J.
*SCHWIENING C. J. & THOMAS R. C.* Relationship between intracellular calcium and its muffling measured by calcium iontophoresis in snail neurones **491**, 621, 1996

SCIOTE J.J.
*SCIOTE J. J. & KENTISH J. C.* Unloaded shortening velocities of rabbit masseter muscle fibres expressing skeletal or $\alpha$-cardiac myosin heavy chains **492**, 659, 1996

SCOTT C. *see* MILLS P. C., MARLIN D. J., DEMONCHEAUX E., SCOTT C., CASAS I., SMITH N. C. & HIGENBOTTAM T. **495**, 863, 1996

SEEBURG P.H. *see* WOLLMUTH L. P., KUNER T., SEEBURG P. H. & SAKMANN B. **491**, 779, 1996
*see* KÖHR G. & SEEBURG P. H. **492**, 445, 1996

SEGAL M. *see* AUERBACH J. M. & SEGAL M. **492**, 479, 1996
KORKOTIAN E. & SEGAL M. **496**, 39, 1996

SEGAL S.S.
*SEGAL S. S. & NEILD T. O.* Conducted depolarization in arteriole networks of the guinea-pig small intestine: effect of branching on signal dissipation **496**, 229, 1996

SELLERS J.R. *see* GERTHOFFER W. T., YAMBOLIEV I. A., SHEARER M., POHL J., HAYNES R., DANG S., SATO K. & SELLERS J. R. **495**, 597, 1996

SENZAKI H. *see* SAEKI A., RECCHIA F. A., SENZAKI H. & KASS D. A. **491**, 455, 1996

SERI M. *see* BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V. **493**, 409, 1996

SERRA J. *see* CAMPERO M., SERRA J. & OCHOA J. L. **497**, 565, 1996

SESSA W.C. *see* REID S. N. M., DAW N. W., CZEPITA D., FLAVIN H. J. & SESSA W. C. **494**, 511, 1996

SESTI F. *see* BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V. **493**, 409, 1996

SEVERINI T.A. *see* KOWALSKI W. B., CHATTERTON R. T. JR, KAZER R. R. & SEVERINI T. A. **493**, 877, 1996

SHANNON R. *see* MORRIS K. F., ARATA A., SHANNON R. & LINDSEY B. G. **490**, 463, 1996
*see* MORRIS K. F., ARATA A., SHANNON R. & LINDSEY B. G. **491**, 241, 1996

SHEARER M. *see* GERTHOFFER W. T., YAMBOLIEV I. A., SHEARER M., POHL J., HAYNES R., DANG S., SATO K. & SELLERS J. R. **495**, 597, 1996

SHELLARD R. *see* SMITH R. P., SHELLARD R., DHILLON D. P., WINTER J. & MEHTA A. **496**, 883, 1996

SHELTON P.A. *see* ABRAMS C. J., DAVIES N. W., SHELTON P. A. & STANFIELD P. R. **493**, 643, 1996

SHEN W.-X.
*SHEN W.-X. & HORN J. P.* Presynaptic muscarinic inhibition in bullfrog sympathethic ganglia **491**, 413, 1996

SHEU S.-S. *see* JOU M.-J., PENG T.-I. & SHEU S.-S. **497**, 299, 1996

SHI J. *see* GAO J., MATHIAS R. T., COHEN I. S., SHI J. & BALDO G. J. **494**, 697, 1996

SHIEH R.-C.
*SHIEH R.-C., JOHN S. A., LEE J.-K. & WEISS J. N.* Inward rectification of the IRK1 channel expressed in *Xenopus* oocytes: effects of intracellular pH reveal an intrinsic gating mechanism **494**, 363, 1996

SHIGEMOTO T.
*SHIGEMOTO T. & OKADA Y.* External-anion-dependent anionic current in blastoderm cells of early medaka fish embryos **495**, 51, 1996

SHIMAHARA T. *see* MELLITI K., BOURNAUD R., BASTIDE B. & SHIMAHARA T. **490**, 363, 1996

SHINOZAKI H. *see* KAMIYA H., SHINOZAKI H. & YAMAMOTO C. **493**, 447, 1996

SHIPSTON M.J.
*SHIPSTON M. J. & ARMSTRONG D. L.* Activation of protein kinase C inhibits calcium-activated potassium channels in rat pituitary tumour cells **493**, 665, 1996

SHIRAKAWA H.
*SHIRAKAWA H. & MIYAZAKI S.* Spatiotemporal analysis of calcium dynamics in the nucleus of hamster oocytes **494**, 29, 1996

SHIROKOVA N.
*SHIROKOVA N. & RÍOS E.* Activation of $Ca^{2+}$ release by caffeine and voltage in frog skeletal muscle **493**, 317, 1996
*SHIROKOVA N. & RÍOS E.* Caffeine enhances intramembranous charge movement in frog skeletal muscle by increasing cytoplasmic $Ca^{2+}$ concentration **493**, 341, 1996

SHORE A.C. *see* NOON J. P., HAYNES W. G., WEBB D. J. & SHORE A. C. **490**, 501, 1996
*see* MORRIS S. J., KUNZEK S. & SHORE A. C. **494**, 307, 1996
*see* MORRIS S. J. & SHORE A. C. **496**, 531, 1996

SHRIER A. *see* MUNK A. A., ADJEMIAN R. A., ZHAO J., OGBAGHEBRIEL A. & SHRIER A. **493**, 801, 1996

SHUBA L.M.
*SHUBA L. M., OGURA T. & MCDONALD T. F.* Kinetic evidence distinguishing volume-sensitive chloride current from other types in guinea-pig ventricular myocytes **491**, 69, 1996

SHUI Z. *see* YANG Z.-K., BOYETT M. R., JANVIER N. C., MCMORN S. O., SHUI Z. & KARIM F. **492**, 789, 1996

SHUTTLEWORTH C.W.R.

*SHUTTLEWORTH C. W. R., KOH S. D., BAYGINOV O. & SANDERS K. M.* Activation of delayed rectifier potassium channels in canine proximal colon by vasoactive intestinal peptide **493**, 651, 1996

SIBLEY C.P. *see GREENWOOD S. L., CLARSON L. H., SIDES M. K. & SIBLEY C. P.* **492**, 629, 1996

*see CLARSON L. H., GLAZIER J. D., GREENWOOD S. L., JONES C. J., SIDES M. K. & SIBLEY C. P.* **497**, 735, 1996

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*see CLARSON L. H., GLAZIER J. D., GREENWOOD S. L., JONES C. J., SIDES M. K. & SIBLEY C. P.* **497**, 735, 1996

SIGURDSON W. *see AUERBACH A., SIGURDSON W., CHEN J. & AKK G.* **494**, 155, 1996

SILINSKY E.M.

*SILINSKY E. M. & REDMAN R. S.* Synchronous release of ATP and neurotransmitter within milliseconds of a motor nerve impulse in the frog **492**, 815, 1996

SILLITO A.M. *see CUDEIRO J. & SILLITO A. M.* **490**, 481, 1996

SILVER R.A.

*SILVER R. A., COLQUHOUN D., CULL-CANDY S. G. & EDMONDS B.* Deactivation and desensitization of non-NMDA receptors in patches and the time course of EPSCs in rat cerebellar granule cells **493**, 167, 1996

*SILVER R. A., CULL-CANDY S. G. & TAKAHASHI T.* Non-NMDA glutamate receptor occupancy and open probability at a rat cerebellar synapse with single and multiple release sites **494**, 231, 1996

SIM J.A. *see MOMIYAMA T., SIM J. A. & BROWN D. A.* **495**, 97, 1996

SIMONSEN E.B. *see MAGNUSSON S. P., SIMONSEN E. B., AAGAARD P., SØRENSEN H. & KJÆR M.* **497**, 291, 1996

*see MAGNUSSON S. P., SIMONSEN E. B., AAGAARD P., SØRENSEN H. & KJÆR M.* **497**, 857, 1996

SIMS S.M. *see WADE G. R., BARBERA J. & SIMS S. M.* **491**, 307, 1996

SINDERBY C.

*SINDERBY C., LINDSTRÖM L., COMTOIS N. & GRASSINO A. E.* Effects of diaphragm shortening on the mean action potential conduction velocity in canines **490**, 207, 1996

SINE S. *see AKK G., SINE S. & AUERBACH A.* **496**, 185, 1996

SKINNER M.R.

*SKINNER M. R. & MARSHALL J. M.* Studies on the roles of ATP, adenosine and nitric oxide in mediating muscle vasodilatation induced in the rat by acute systemic hypoxia **495**, 553, 1996

SLESINGER P.A.

*SLESINGER P. A. & LANSMAN J. B.* Reopening of single L-type $Ca^{2+}$ channels in mouse cerebellar granule cells: dependence on voltage and ion concentration **491**, 335, 1996

SMART T.G. *see KRISHEK B. J., AMATO A., CONNOLLY C. N., MOSS S. J. & SMART T. G.* **492**, 431, 1996

SMITH A.B.

*SMITH A. B. & CUNNANE T. C.* Ryanodine-sensitive calcium stores involved in neurotransmitter release from sympathetic nerve terminals of the guinea-pig **497**, 657, 1996

SMITH B.N.

*SMITH B. N. & ARMSTRONG W. E.* The ionic dependence of the histamine-induced depolarization of vasopressin neurones in the rat supraoptic nucleus **495**, 465, 1996

SMITH G.L. *see STEELE D. S., MCAINSH A. M. & SMITH G. L.* **490**, 565, 1996

SMITH J.W. *see GOSLING M., POYNER D. R. & SMITH J. W.* **493**, 613, 1996

SMITH N.C. *see MILLS P. C., MARLIN D. J., DEMONCHEAUX E., SCOTT C., CASAS I., SMITH N. C. & HIGENBOTTAM T.* **495**, 863, 1996

SMITH P.A. *see ELIASSON L., PROKS P., ÄMMÄLÄ C., ASHCROFT F. M., BOKVIST K., RENSTRÖM E., RORSMAN P. & SMITH P. A.* **493**, 755, 1996

SMITH P.J.S. *see KNOX R. J., JONAS E. A., KAO L.-S., SMITH P. J. S., CONNOR J. A. & KACZMAREK L. K.* **494**, 627, 1996

SMITH R.P.

*SMITH R. P., SHELLARD R., DHILLON D. P., WINTER J. & MEHTA A.* Asymmetric interactions between phosphorylation pathways regulating ciliary beat frequency in human nasal respiratory epithelium *in vitro* **496**, 883, 1996

SMITS J. *see BISCHOFF A., ERDBRÜGGER W., SMITS J. & MICHEL M. C.* **495**, 525, 1996

SMOLICH J.J. *see BERGER P. J., SMOLICH J. J., RAMSDEN C. A. & WALKER A. M.* **492**, 905, 1996

SNIFFEN J.C. *see NWOGA J. C., SNIFFEN J. C., PEÑA-RASGADO C., KIMLER V. A. & RASGADO-FLORES H.* **491**, 13, 1996

SNYDER S.H. *see RUTHAZER E. S., GILLESPIE D. C., DAWSON T. M., SNYDER S. H. & STRYKER M. P.* **494**, 519, 1996

SOBREVIA L.

*SOBREVIA L., NADAL A., YUDILEVICH D. L. & MANN G. E.* Activation of L-arginine transport (system $y^+$) and nitric oxide synthase by elevated glucose and insulin in human endothelial cells **490**, 775, 1996

SOLSONA C. *see MIRALLES F. & SOLSONA C.* **495**, 717, 1996

SOMASUNDARAM B. *see FLOTO R. A., MAHAUT-SMITH M. P., ALLEN J. M. & SOMASUNDARAM B.* **495**, 331, 1996

SOMJEN G.G. *see TOMBAUGH G. C. & SOMJEN G. G.* **493**, 719, 1996

SOMLYO A.P. *see KHROMOV A. S., SOMLYO A. V. & SOMLYO A. P.* **492**, 669, 1996

SOMLYO A.V. *see KHROMOV A. S., SOMLYO A. V. & SOMLYO A. P.* **492**, 669, 1996

SOMOGYI G.T.

*SOMOGYI G. T., TANOWITZ M., ZERNOVA G. & DE GROAT W. C.* $M_1$ muscarinic receptor-induced facilitation of ACh and noradrenaline release in the rat bladder is mediated by protein kinase C **496**, 245, 1996

SON Y.-J. *see WILKINSON R. S., SON Y.-J. & LUNIN S. D.* **495**, 503, 1996

SONG L. *see ROTHBERG B. S., BELLO R. A., SONG L. & MAGLEBY K. L.* **493**, 673, 1996

SØRENSEN H. *see MAGNUSSON S. P., SIMONSEN E. B., AAGAARD P., SØRENSEN H. & KJÆR M.* **497**, 291, 1996

*see MAGNUSSON S. P., SIMONSEN E. B., AAGAARD P., SØRENSEN H. & KJÆR M.* **497**, 857, 1996

SPANSWICK D. *see LOGAN S. D., PICKERING A. E., GIBSON I. C., NOLAN M. F. & SPANSWICK D.* **495**, 491, 1996

SPERELAKIS N. *see YAMAMOTO S., KUNTZWEILER T. A., WALLICK E. T., SPERELAKIS N. & YATANI A.* **495**, 733, 1996

SPITZER K.W. *see LEVI A. J., LI J., SPITZER K. W. & BRIDGE J. H. B.* **494**, 653, 1996

SPRANGERS R.L.H. *see WIELING W., HARMS M. P. M., TEN HARKEL A. D. J., VAN LIESHOUT J. J. & SPRANGERS R. L. H.* **494**, 601, 1996

SPRATT J.A. *see ZHANG K.-M., HU P., WANG S.-W., FEHER J. J., WRIGHT L. D., WECHSLER A. S., SPRATT J. A. & BRIGGS F. N.* **496**, 211, 1996

*see HU P., ZHANG K.-M., FEHER J. J., WANG S.-W., WRIGHT L. D., WECHSLER A. S., SPRATT J. A. & BRIGGS F. N.* **496**, 221, 1996

SQUECCO R. *see FRANCINI F., BENCINI C. & SQUECCO R.* **494**, 121, 1996

STANDEN N.B. *see DAVIES N. W., MCKILLEN H.-C., STANFIELD P. R. & STANDEN N. B.* **490**, 817, 1996

*see QUAYLE J. M., DART C. & STANDEN N. B.* **494**, 715, 1996

STANFIELD P.R. *see DAVIES N. W., MCKILLEN H.-C., STANFIELD P. R. & STANDEN N. B.* **490**, 817, 1996

*see ABRAMS C. J., DAVIES N. W., SHELTON P. A. & STANFIELD P. R.* **493**, 643, 1996

STANLEY E.F. *see CHURCH P. J. & STANLEY E. F.* **496**, 59, 1996

STEELE D.S.

*STEELE D. S., MCAINSH A. M. & SMITH G. L.* Comparative effects of inorganic phosphate and oxalate on uptake and release of $Ca^{2+}$ by the sarcoplasmic reticulum in saponin skinned rat cardiac trabeculae **490**, 565, 1996

STEEVES J.D. *see MUIR G. D., GOSLINE J. M. & STEEVES J. D.* **493**, 589, 1996

STEFANI E. *see OLCESE R., NEELY A., QIN N., WEI X., BIRNBAUMER L. & STEFANI E.* **497**, 675, 1996

STEIN R.B. *see BENNETT D. J., DE SERRES S. J. & STEIN R. B.* **495**, 835, 1996

*see BENNETT D. J., DE SERRES S. J. & STEIN R. B.* **496**, 837, 1996

STEINHAUSEN M. *see ENDLICH K., HOFFEND J. & STEINHAUSEN M.* **497**, 211, 1996

STEPHENS G.J.

*STEPHENS G. J., OWEN D. G., OPALKO A., PISANO M. R., MACGREGOR W. H. & ROBERTSON B.* Studies on the blocking action of human Kv3.4 inactivation peptide variants in the mouse cloned Kv1.1 $K^+$ channel **496**, 145, 1996

STEPHENSON D.G. *see OWEN V. J., LAMB G. D. & STEPHENSON D. G.* **493**, 309, 1996

*see FRYER M. W. & STEPHENSON D. G.* **493**, 357, 1996

*see LAMB G. D. & STEPHENSON D. G.* **494**, 569, 1996

STERIADE M. *see CONTRERAS D. & STERIADE M.* **490**, 159, 1996

*see CONTRERAS D., TIMOFEEV I. & STERIADE M.* **494**, 251, 1996

*see TIMOFEEV I., CONTRERAS D. & STERIADE M.* **494**, 265, 1996

STEUSLOFF A. *see OTTO B., STEUSLOFF A., JUST I., AKTORIES K. & PFITZER G.* **496**, 317, 1996

STEVENS D.R.

*STEVENS D. R. & HAAS H. L.* Calcium-dependent prepotentials contribute to spontaneous activity in rat tuberomammillary neurons **493**, 747, 1996

STEVENS E.D.

*STEVENS E. D.* The pattern of stimulation influences the amount of oscillatory work done by frog muscle **494**, 279, 1996

STEWARD M.C.

*STEWARD M. C., PORONNIK P. & COOK D. I.* Bicarbonate transport in sheep parotid secretory cells **494**, 819, 1996

*see ISHIGURO H., STEWARD M. C., LINDSAY A. R. G. & CASE R. M.* **495**, 169, 1996

*see ISHIGURO H., STEWARD M. C., WILSON R. W. & CASE R. M.* **495**, 179, 1996

STIENEN G.J.M. *see EBUS J. P. & STIENEN G. J. M.* **492**, 675, 1996

*STIENEN G. J. M., KIERS J. L., BOTTINELLI R. & REGGIANI C.* Myofibrillar ATPase activity in skinned human skeletal muscle fibres: fibre type and temperature dependence **493**, 299, 1996

*see POTMA E. J. & STIENEN G. J. M.* **496**, 1, 1996

*see BUSCHMAN H. P. J., VAN DER LAARSE W. J., STIENEN G. J. M. & ELZINGA G.* **496**, 503, 1996

STOCLET J.C. *see LAGAUD G. J. L., STOCLET J. C. & ANDRIANTSITOHAINA R.* **492**, 689, 1996

STOLPE A. *see KILIC G., STOLPE A. & LINDAU M.* **497**, 711, 1996

STONELL L.M. *see CHUA A. C. G., STONELL L. M., SAVIGNI D. L. & MORGAN E. H.* **493**, 99, 1996

STOUT A.K.

*STOUT A. K., LI-SMERIN Y., JOHNSON J. W. & REYNOLDS I. J.* Mechanisms of glutamate-stimulated $Mg^{2+}$ influx and subsequent $Mg^{2+}$ efflux in rat forebrain neurones in culture **492**, 641, 1996

STRICKER C.

*STRICKER C., FIELD A. C. & REDMAN S. J.* Statistical analysis of amplitude fluctuations in EPSCs evoked in rat CA1 pyramidal neurones *in vitro* **490**, 419, 1996

*STRICKER C., FIELD A. C. & REDMAN S. J.* Changes in quantal parameters of EPSCs in rat CA1 neurones *in vitro* after the induction of long-term potentiation **490**, 443, 1996

STROWBRIDGE B.W.

*STROWBRIDGE B. W. & SCHWARTZKROIN P. A.* Transient potentiation of spontaneous EPSPs in rat mossy cells induced by depolarization of a single neurone **494**, 493, 1996

STRUTHERS J. *see DIMALINE R. & STRUTHERS J.* **490**, 249, 1996

STRYKER M.P. *see RUTHAZER E. S., GILLESPIE D. C., DAWSON T. M., SNYDER S. H. & STRYKER M. P.* **494**, 519, 1996

SUGASAWA M.

*SUGASAWA M., EROSTEGUI C., BLANCHET C. & DULON D.* ATP activates non-selective cation channels and calcium release in inner hair cells of the guinea-pig cochlea **491**, 707, 1996

SUGIHARA I.

*SUGIHARA I. & FURUKAWA T.* Inwardly rectifying currents in hair cells and supporting cells in the goldfish sacculus **495**, 665, 1996

SUGIOKA M.

*SUGIOKA M., FUKUDA Y. & YAMASHITA M.* $Ca^{2+}$ responses to ATP via purinoceptors in the early embryonic chick retina **493**, 855, 1996

SUMNER M.J. *see PARSONS S. J. W., SUMNER M. J. & GARLAND C. J.* **491**, 447, 1996

SUN B.

*SUN B., LEEM C. H. & VAUGHAN-JONES R. D.* Novel chloride-dependent acid loader in the guinea-pig ventricular myocyte: part of a dual acid-loading mechanism **495**, 65, 1996

SUN M.-K.

*SUN M.-K. & REIS D. J.* Excitatory amino acid-mediated chemoreflex excitation of respiratory neurones in rostral ventrolateral medulla in rats **492**, 559, 1996

SURPRENANT A. *see EVANS R. J., LEWIS C., VIRGINIO C., LUNDSTROM K., BUELL G., SURPRENANT A. & NORTH R. A.* **497**, 413, 1996

SÜßBRICH H. *see BUSCH A. E., KOPP H.-G., WALDEGGER S., SAMARZIJA I., SÜßBRICH H., RABER G., KUNZELMANN K., RUPPERSBERG J. P. & LANG F.* **491**, 735, 1996

SUTOR B. *see RÖRIG B., KLAUSA G. & SUTOR B.* **490**, 31, 1996

SUZUKI R. *see KODAMA I., BOYETT M. R., SUZUKI R., HONJO H. & TOYAMA J.* **495**, 785, 1996

SWACZUK A. *see POLIAKOV A. V., POWERS R. K., SWACZUK A. & BINDER M. D.* **495**, 143, 1996

SWANSON G.T.

*SWANSON G. T., FELDMEYER D., KANEDA M. & CULL-CANDY S. G.* Effect of RNA editing and subunit co-assembly on single-channel properties of recombinant kainate receptors **492**, 129, 1996

SZENTESI P. *see SÁRKÖZI S., SZENTESI P., JONA I. & CSERNOCH L.* **495**, 611, 1996

SZURSZEWSKI J.H. *see MA R. C. & SZURSZEWSKI J. H.* **491**, 435, 1996

TAGGART M.J. *see BURDYGA T. V., TAGGART M. J. & WRAY S.* **493**, 865, 1996

TAKAGI H. *see KASAI H., TAKAGI H., NINOMIYA Y., KISHIMOTO T., ITO K., YOSHIDA A., YOSHIOKA T. & MIYASHITA Y.* **494**, 53, 1996

TAKAHASHI K. *see SAITOE M., INAZAWA T. & TAKAHASHI K.* **491**, 825, 1996

TAKAHASHI M.

*TAKAHASHI M., SARANTIS M. & ATTWELL D.* Postsynaptic glutamate uptake in rat cerebellar Purkinje cells **497**, 523, 1996

TAKAHASHI N. *see YAMASHITA T., HORIO Y., YAMADA M., TAKAHASHI N., KONDO C. & KURACHI Y.* **493**, 143, 1996

TAKAHASHI S. *see TANAKA H., JING L., TAKAHASHI S. & ITO Y.* **493**, 785, 1996

TAKAHASHI T. *see HORI Y., ENDO K. & TAKAHASHI T.* **492**, 867, 1996

*see SILVER R. A., CULL-CANDY S. G. & TAKAHASHI T.* **494**, 231, 1996

TAKEDA R. *see HAJI A., PIERREFICHE O., TAKEDA R., FOUTZ A. S., CHAMPAGNAT J. & DENAVIT-SAUBIÉ M.* **495**, 851, 1996

TAKESHIMA H. *see FLEIG A., TAKESHIMA H. & PENNER R.* **496**, 339, 1996

TAMURA H. *see SATO H., KATSUYAMA N., TAMURA H., HATA Y. & TSUMOTO T.* **494**, 757, 1996

TAN N. *see WATANABE T., TAN N., SAIKI Y., MAKISUMI T. & NAKAMURA S.* **491**, 231, 1996

TANAKA H.

*TANAKA H., JING L., TAKAHASHI S. & ITO Y.* The possible role of nitric oxide in relaxations and excitatory neuroeffector transmission in the cat airway **493**, 785, 1996

TANIGUCHI I. *see HORIKAWA J., HOSOKAWA Y., KUBOTA M., NASU M. & TANIGUCHI I.* **497**, 629, 1996

TANOWITZ M. *see SOMOGYI G. T., TANOWITZ M., ZERNOVA G. & DE GROAT W. C.* **496**, 245, 1996

TARE M. *see GORDIENKO D. V., TARE M., PARVEEN S., FENECH C. J., ROBINSON C. & BOLTON T. B.* **496**, 299, 1996

TAUC L. *see MOTHET J. P., FOSSIER P., TAUC L. & BAUX G.* **493**, 769, 1996

TAYLOR A. *see MARPLES D., BARBER B. & TAYLOR A.* **490**, 767, 1996

TAYLOR J.A. *see HALLIWILL J. R., TAYLOR J. A. & ECKBERG D. L.* **495**, 279, 1996

TAYLOR J.L.

*TAYLOR J. L., BUTLER J. E., ALLEN G. M. & GANDEVIA S. C.* Changes in motor cortical excitability during human muscle fatigue **490**, 519, 1996

*see GANDEVIA S. C., ALLEN G. M., BUTLER J. E. & TAYLOR J. L.* **490**, 529, 1996

*see FITZPATRICK R., TAYLOR J. L. & MCCLOSKEY D. I.* **495**, 885, 1996

TAYLOR P.M. *see LOW S. Y., TAYLOR P. M. & RENNIE M. J.* **492**, 877, 1996

*see LOW S. Y., RENNIE M. J. & TAYLOR P. M.* **495**, 299, 1996

TEMPIA F. *see GARASCHUK O., SCHNEGGENBURGER R., SCHIRRA C., TEMPIA F. & KONNERTH A.* **491**, 757, 1996

TEMPLE C.S.

*TEMPLE C. S., BAILEY P. D., BRONK J. R. & BOYD C. A. R.* A model for the kinetics of neutral and anionic dipeptide–proton cotransport by the apical membrane of rat kidney cortex **494**, 795, 1996

TEN HARKEL A.D.J. *see WIELING W., HARMS M. P. M., TEN HARKEL A. D. J., VAN LIESHOUT J. J. & SPRANGERS R. L. H.* **494**, 601, 1996

TEPIKIN A.V. *see CAMELLO P., GARDNER J., PETERSEN O. H. & TEPIKIN A. V.* **490**, 585, 1996

TEPPEMA L. *see WAGENAAR M., TEPPEMA L., BERKENBOSCH A., OLIEVIER C. & FOLGERING H.* **495**, 227, 1996

TERÄS M. *see RAITAKARI M., NUUTILA P., RUOTSALAINEN U., TERÄS M., ERONEN E., LAINE H., RAITAKARI O. T., IIDA H., KNUUTI M. J. & YKI-JÄRVINEN H.* **496**, 543, 1996

TERESI A. *see LI X., HUGHES S. M., SALVIATI G., TERESI A. & LARSSON L.* **494**, 555, 1996

TERRIER F. *see NARICI M. V., BINZONI T., HILTBRAND E., FASEL J., TERRIER F. & CERRETELLI P.* **496**, 287, 1996

TERZIC A.

*TERZIC A. & KURACHI Y.* Actin microfilament disrupters enhance $K_{ATP}$ channel opening in patches from guinea-pig cardiomyocytes **492**, 395, 1996

TEULON J. *see GUINAMARD R., PAULAIS M. & TEULON J.* **490**, 759, 1996

*see VAN DEN ABBEELE T., HUY P. T. B. & TEULON J.* **494**, 77, 1996

THOMAS A.L. *see HORN N. M. & THOMAS A. L.* **496**, 711, 1996

THOMAS R.C. *see SCHWIENING C. J. & THOMAS R. C.* **491**, 621, 1996

THOMPSON J.M. *see* WALLIN B. G., THOMPSON J. M., JENNINGS G. L. & ESLER M. D. **491**, 881, 1996

THOMPSON S.M. *see* DEBANNE D., GUÉRINEAU N.C., GÄHWILER B.H. & THOMPSON S.M. **491**, 163, 1996

THOMSON A.M.
THOMSON A. M., WEST D. C., HAHN J. & DEUCHARS J. Single axon IPSPs elicited in pyramidal cells by three classes of interneurones in slices of rat neocortex **496**, 81, 1996

THORNHILL J. *see* LI Q. & THORNHILL J. **492**, 851, 1996

THORSTENSSON A. *see* LÖSCHER W. N., CRESSWELL A. G. & THORSTENSSON A. **491**, 271, 1996

TIMOFEEV I. *see* CONTRERAS D., TIMOFEEV I. & STERIADE M. **494**, 251, 1996
TIMOFEEV I., CONTRERAS D. & STERIADE M. Synaptic responsiveness of cortical and thalamic neurones during various phases of slow sleep oscillation in cat **494**, 265, 1996

TODOROV L.D.
TODOROV L. D., MIHAYLOVA-TODOROVA S., CRAVISO G. L., BJUR R. A. & WESTFALL D. P. Evidence for the differential release of the cotransmitters ATP and noradrenaline from sympathetic nerves of the guinea-pig vas deferens **496**, 731, 1996

TOKIMASA T.
TOKIMASA T. & NORTH R. A. Effects of barium, lanthanum and gadolinium on endogenous chloride and potassium currents in Xenopus oocytes **496**, 677, 1996

TOMASELLI G.F. *see* CHIAMVIMONVAT N., PÉREZ-GARCÍA M. T., TOMASELLI G. F. & MARBAN E. **491**, 51, 1996
*see* NUSS H. B., BALSER J. R., ORIAS D. W., LAWRENCE J. H., TOMASELLI G. F. & MARBAN E. **494**, 411, 1996
*see* BALSER J. R., NUSS H. B., CHIAMVIMONVAT N., PÉREZ-GARCÍA M. T., MARBAN E. & TOMASELLI G. F. **494**, 431, 1996

TOMBAUGH G.C.
TOMBAUGH G. C. & SOMJEN G. G. Effects of extracellular pH on voltage-gated $Na^+$, $K^+$ and $Ca^{2+}$ currents in isolated rat CA1 neurons **493**, 719, 1996

TOMBERG C.
TOMBERG C. & DESMEDT J. E. Non-averaged human brain potentials in somatic attention: the short-latency cognition-related $P_{40}$ component **496**, 559, 1996

TORRE V. *see* BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V. **493**, 409, 1996

TOYAMA J. *see* KODAMA I., BOYETT M. R., SUZUKI R., HONJO H. & TOYAMA J. **495**, 785, 1996
*see* HONJO H., BOYETT M. R., KODAMA I. & TOYAMA J. **496**, 795, 1996

TOYKA K.V. *see* BUFLER J., KAHLERT S., TZARTOS S., TOYKA K. V., MAELICKE A. & FRANKE CH. **492**, 107, 1996

TRAPP S.
TRAPP S., LÜCKERMANN M., BROOKS P. A. & BALLANYI K. Acidosis of rat dorsal vagal neurons *in situ* during spontaneous and evoked activity **496**, 695, 1996

TRAUB R.D.
TRAUB R. D., WHITTINGTON M. A., COLLING S. B., BUZSÁKI G. & JEFFERYS J. G. R. Analysis of gamma rhythms in the rat hippocampus *in vitro* and *in vivo* **493**, 471, 1996

TRAVAGLI R.A.
TRAVAGLI R. A. & WILLIAMS J. T. Endogenous monoamines inhibit glutamate transmission in the spinal trigeminal nucleus of the guinea-pig **491**, 177, 1996

TREEDE R. *see* MAGERL W. & TREEDE R. **497**, 837, 1996

TREHERNE J.M. *see* ROWE I. C. M., TREHERNE J. M. & ASHFORD M. L. J. **490**, 97, 1996

TREZISE A.E.O. *see* KIBBLE J. D., TREZISE A. E. O. & BROWN P. D. **496**, 69, 1996

TROMBLEY P.Q. *see* CHEN G., TROMBLEY P. Q. & VAN DEN POL A. N. **494**, 451, 1996

TROMPETTO C. *see* SCHIEPPATI M., TROMPETTO C. & ABBRUZZESE G. **491**, 551, 1996

TROTIER D.
TROTIER D. & DØVING K. B. Direct influence of the sodium pump on the membrane potential of vomeronasal chemoreceptor neurons in frog **490**, 611, 1996

TROUSLARD J. *see* BORDEY A., FELTZ P. & TROUSLARD J. **490**, 673, 1996
*see* BORDEY A., FELTZ P. & TROUSLARD J. **497**, 175, 1996

TRUBE G. *see* KEW J. N. C., TRUBE G. & KEMP J. A. **497**, 761, 1996

TSUBOKAWA H.
TSUBOKAWA H., OGURO K., ROBINSON H. P. C., MASUZAWA T. & KAWAI N. Intracellular inositol 1,3,4,5-tetrakisphosphate enhances the calcium current in hippocampal CA1 neurones of the gerbil after ischaemia **497**, 67, 1996

TSUCHIYA T. *see* EDMAN K. A. P. & TSUCHIYA T. **490**, 191, 1996

TSUMOTO T. *see* SATO H., KATSUYAMA N., TAMURA H., HATA Y. & TSUMOTO T. **494**, 757, 1996

TSURUHARA Y. *see* MATSUURA H., TSURUHARA Y., SAKAGUCHI M. & EHARA T. **490**, 647, 1996
*see* MATSUURA H., SAKAGUCHI M., TSURUHARA Y. & EHARA T. **490**, 659, 1996

TSUSHIMA R.G. *see* HANNA W. J. B., TSUSHIMA R. G., SAH R., MCCUTCHEON L. J., MARBAN E. & BACKX P. H. **497**, 349, 1996

TSUZUKI K. *see* ISA T., ITAZAWA S.-I., IINO M., TSUZUKI K. & OZAWA S. **491**, 719, 1996

TUCKER T.R.
TUCKER T. R. & FETTIPLACE R. Monitoring calcium in turtle hair cells with a calcium-activated potassium channel **494**, 613, 1996

TURNER J.P. *see* WILLIAMS S. R., TURNER J. P., ANDERSON C. M. & CRUNELLI V. **490**, 129, 1996

TYTGAT J. *see* VOETS T., BUYSE G., TYTGAT J., DROOGMANS G., EGGERMONT J. & NILIUS B. **495**, 441, 1996

TZARTOS S. *see* BUFLER J., KAHLERT S., TZARTOS S., TOYKA K. V., MAELICKE A. & FRANKE CH. **492**, 107, 1996

UCHITEL O.D. *see* KATZ E., FERRO P. A., WEISZ G. & UCHITEL O. D. **497**, 687, 1996

ULRICH D.
ULRICH D. & HUGUENARD J. R. $GABA_B$ receptor-mediated responses in GABAergic projection neurones of rat nucleus reticularis thalami *in vitro* **493**, 845, 1996

UNDEM B.J. *see* RICCIO M. M., MYERS A. C. & UNDEM B. J. **491**, 499, 1996
*see* RICCIO M. M., KUMMER W., BIGLARI B., MYERS A. C. & UNDEM B. J. **496**, 521, 1996

UNNO T. *see* KOHDA M., KOMORI S., UNNO T. & OHASHI H. **492**, 315, 1996

URBACH V.
URBACH V., VAN KERKHOVE E., MAGUIRE D. & HARVEY B. J. Rapid activation of $K_{ATP}$ channels by aldosterone in principal cells of frog skin **491**, 111, 1996
URBACH V., VAN KERKHOVE E., MAGUIRE D. & HARVEY B. J. Cross-talk between ATP-regulated $K^+$ channels and $Na^+$ transport via cellular metabolism in frog skin principal cells **491**, 99, 1996

UREÑA J.
UREÑA J., FRANCO-OBREGÓN A. & LÓPEZ-BARNEO J. Contrasting effects of hypoxia on cytosolic $Ca^{2+}$ spikes in conduit and resistance myocytes of the rabbit pulmonary artery **496**, 103, 1996

VACCA G.
VACCA G., PAPILLO B., BATTAGLIA A., GROSSINI E., MARY D. A. S. G. & PELOSI G. The effects of hypertonic saline solution on coronary blood flow in anaesthetized pigs **491**, 843, 1996

VALDEOLMILLOS M.
VALDEOLMILLOS M., GOMIS A. & SÁNCHEZ-ANDRÉS J. V. *In vivo* synchronous membrane potential oscillations in mouse pancreatic $\beta$-cells: lack of co-ordination between islets **493**, 9, 1996

VALIANTE T.A. *see* ABDUL-GHANI M. A., VALIANTE T. A. & PENNEFATHER P. S. **495**, 113, 1996
*see* ABDUL-GHANI M. A., VALIANTE T. A., CARLEN P. L. & PENNEFATHER P. S. **496**, 139, 1996

VALLBO Å.B. *see* KAKUDA N., VALLBO Å. B. & WESSBERG J. **492**, 921, 1996
*see* WESSBERG J. & VALLBO Å. B. **493**, 895, 1996

VAN BAAL J.
VAN BAAL J., DE JONG M. D., ZIJLSTRA F. J., WILLEMS P. H. G. M. & BINDELS R. J. M. Endogenously produced prostanoids stimulate calcium reabsorption in the rabbit cortical collecting system **497**, 229, 1996

VAN DEN ABBEELE T.
VAN DEN ABBEELE T., HUY P. T. B. & TEULON J. Modulation by purines of calcium-activated non-selective cation channels in the outer hair cells of the guinea-pig cochlea **494**, 77, 1996

VAN DE KRAATS J. *see* BERENDSCHOT T. T. J. M., VAN DE KRAATS J. & VAN NORREN D. **492**, 307, 1996

VAN DER LAARSE W.J. *see* BUSCHMAN H. P. J., VAN DER LAARSE W. J., STIENEN G. J. M. & ELZINGA G. **496**, 503, 1996

VAN DEN POL A.N. *see* CHEN G., TROMBLEY P. Q. & VAN DEN POL A. N. **494**, 451, 1996

VAN DER KLOOT W.

*VAN DER KLOOT W.* Spontaneous and uniquantal-evoked endplate currents in normal frogs are indistinguishable **492**, 155, 1996

*VAN DER KLOOT W. & NAVES L. A.* Localizing quantal currents along frog neuromuscular junctions **497**, 189, 1996

VAN HALL G.

*VAN HALL G., MACLEAN D. A., SALTIN B. & WAGENMAKERS A. J. M.* Mechanisms of activation of muscle branched-chain α-keto acid dehydrogenase during exercise in man **494**, 899, 1996

VAN HELDEN D.F. *see VON DER WEID P.-Y., CROWE M. J. & VAN HELDEN D. F.* **493**, 563, 1996

VAN KERKHOVE E. *see URBACH V., VAN KERKHOVE E., MAGUIRE D. & HARVEY B. J.* **491**, 99, 1996

*see URBACH V., VAN KERKHOVE E., MAGUIRE D. & HARVEY B. J.* **491**, 111, 1996

VAN LIESHOUT J.J. *see WIELING W., HARMS M. P. M., TEN HARKEL A. D. J., VAN LIESHOUT J. J. & SPRANGERS R. L. H.* **494**, 601, 1996

VAN MECHELEN W. *see SANT'ANA PEREIRA J. A. A., SARGEANT A. J., RADEMAKER A. C. H. J., DE HAAN A. & VAN MECHELEN W.* **496**, 583, 1996

VAN NORREN D. *see BERENDSCHOT T. T. J. M., VAN DE KRAATS J. & VAN NORREN D.* **492**, 307, 1996

VASSORT G. *see ALVAREZ J. L., RUBIO L. S. & VASSORT G.* **491**, 321, 1996

VAUGHAN C.W.

*VAUGHAN C. W., BANDLER R. & CHRISTIE M. J.* Differential responses of lateral and ventrolateral rat periaqueductal grey neurones to noradrenaline *in vitro* **490**, 373, 1996

*see OSBORNE P. B., VAUGHAN C. W., WILSON H. I. & CHRISTIE M. J.* **490**, 383, 1996

VAUGHAN-JONES R.D. *see SUN B., LEEM C. H. & VAUGHAN-JONES R. D.* **495**, 65, 1996

VÉGA C. *see COLES J. A., MARCAGGI P., VÉGA C. & COTILLON N.* **495**, 305, 1996

VIDRUK E.H. *see LING L., OLSON E. B. JR, VIDRUK E. H. & MITCHELL G. S.* **495**, 561, 1996

VIDYASAGAR T.R. *see VOLGUSHEV M., VIDYASAGAR T. R. & PEI X.* **496**, 597, 1996

VILLARROEL A. *see HERLITZE S., VILLARROEL A., WITZEMANN V., KOENEN M. & SAKMANN B.* **492**, 775, 1996

*see BURNASHEV N., VILLARROEL A. & SAKMANN B.* **496**, 165, 1996

*VILLARROEL A. & SAKMANN B.* Calcium permeability increase of endplate channels in rat muscle during postnatal development **496**, 331, 1996

VINCENT P.

*VINCENT P. & MARTY A.* Fluctuations of inhibitory postsynaptic currents in Purkinje cells from rat cerebellar slices **494**, 183, 1996

VIRGINIO C. *see EVANS R. J., LEWIS C., VIRGINIO C., LUNDSTROM K., BUELL G., SURPRENANT A. & NORTH R. A.* **497**, 413, 1996

VISSING S.F.

*VISSING S. F. & HJORTSØ E. M.* Central motor command activates sympathetic outflow to the cutaneous circulation in humans **492**, 931, 1996

VITES A.-M. *see WASSERSTROM J. A. & VITES A.-M.* **493**, 529, 1996

VOETS T.

*VOETS T., BUYSE G., TYTGAT J., DROOGMANS G., EGGERMONT J. & NILIUS B.* The chloride current induced by expression of the protein $pI_{Clh}$ in *Xenopus* oocytes differs from the endogenous volume-sensitive chloride current **495**, 441, 1996

*VOETS T., DROOGMANS G. & NILIUS B.* Membrane currents and the resting membrane potential in cultured bovine pulmonary artery endothelial cells **497**, 95, 1996

VOGEL W. *see SAFRONOV B. V., BISCHOFF U. & VOGEL W.* **493**, 393, 1996

*see SAFRONOV B. V. & VOGEL W.* **497**, 727, 1996

VOLGUSHEV M.

*VOLGUSHEV M., VIDYASAGAR T. R. & PEI X.* A linear model fails to predict orientation selectivity of cells in the cat visual cortex **496**, 597, 1996

VON BECKERATH N.

*VON BECKERATH N., DITTRICH M., KLIEBER H.-G. & DAUT J.* Inwardly rectifying $K^+$ channels in freshly dissociated coronary endothelial cells from guinea-pig heart **491**, 357, 1996

VON BREVERN M. *see CORNA S., ITO Y., VON BREVERN M., BRONSTEIN A. M. & GRESTY M. A.* **496**, 589, 1996

VON DER WEID P.-Y.

*VON DER WEID P.-Y., CROWE M. J. & VAN HELDEN D. F.* Endothelium-dependent modulation of pacemaking in lymphatic vessels of the guinea-pig mesentery **493**, 563, 1996

WADE G.R.

*WADE G. R., BARBERA J. & SIMS S. M.* Cholinergic inhibition of $Ca^{2+}$ current in guinea-pig gastric and tracheal smooth muscle cells **491**, 307, 1996

WAGENAAR M.

*WAGENAAR M., TEPPEMA L., BERKENBOSCH A., OLIEVIER C. & FOLGERING H.* The effect of low-dose acetazolamide on the ventilatory $CO_2$ response curve in the anaesthetized cat **495**, 227, 1996

WAGENMAKERS A.J.M. *see VAN HALL G., MACLEAN D. A., SALTIN B. & WAGENMAKERS A. J. M.* **494**, 899, 1996

WAGNER J.J.

*WAGNER J. J. & ALGER B. E.* Increased neuronal excitability during depolarization-induced suppression of inhibition in rat hippocampus **495**, 107, 1996

*see ALGER B. E., PITLER T. A., WAGNER J. J., MARTIN L. A., MORISHITA W., KIROV S. A. & LENZ R. A.* **496**, 197, 1996

WAITES B.A.

*WAITES B. A., ACKLAND G. L., NOBLE R. & HANSON M. A.* Red nucleus lesions abolish the biphasic respiratory response to isocapnic hypoxia in decerebrate young rabbits **495**, 217, 1996

WAKADE A.R.

*WAKADE A. R., WAKADE T. D., POOSCH M. & BANNON M. J.* Noradrenaline transport and transporter mRNA of rat chromaffin cells are controlled by dexamethasone and nerve growth factor **494**, 67, 1996

WAKADE T.D. *see WAKADE A. R., WAKADE T. D., POOSCH M. & BANNON M. J.* **494**, 67, 1996

WALDEGGER S. *see BUSCH A. E., KOPP H.-G., WALDEGGER S., SAMARZIJA I., SÜßBRICH H., RABER G., KUNZELMANN K., RUPPERSBERG J. P. & LANG F.* **491**, 735, 1996

WALKER A.M. *see BERGER P. J., SMOLICH J. J., RAMSDEN C. A. & WALKER A. M.* **492**, 905, 1996

WALKER D. *see JAVEN I., WILLIAMS N. A., YOUNG I. R., LUFF A. R. & WALKER D.* **494**, 839, 1996

WALLICK E.T. *see YAMAMOTO S., KUNTZWEILER T. A., WALLICK E. T., SPERELAKIS N. & YATANI A.* **495**, 733, 1996

WALLIN B.G.

*WALLIN B. G., THOMPSON J. M., JENNINGS G. L. & ESLER M. D.* Renal noradrenaline spillover correlates with muscle sympathetic activity in humans **491**, 881, 1996

WALMSLEY B. *see CALLISTER R. J. & WALMSLEY B.* **490**, 149, 1996

WALSH M.P. *see CLÉMENT-CHOMIENNE O., WALSH M. P. & COLE W. C.* **495**, 689, 1996

WANG H.-S.

*WANG H.-S. & MCKINNON D.* Modulation of inwardly rectifying currents in rat sympathetic neurones by muscarinic receptors **492**, 467, 1996

WANG S. *see KING B. F., WANG S. & BURNSTOCK G.* **494**, 17, 1996

WANG S.-W. *see ZHANG K.-M., HU P., WANG S.-W., FEHER J. J., WRIGHT L. D., WECHSLER A. S., SPRATT J. A. & BRIGGS F. N.* **496**, 211, 1996

*see HU P., ZHANG K.-M., FEHER J. J., WANG S.-W., WRIGHT L. D., WECHSLER A. S., SPRATT J. A. & BRIGGS F. N.* **496**, 221, 1996

WANG W.-S.

*WANG W.-S., FUNG M.-L., DARNALL R. A. & ST JOHN W. M.* Characterizations and comparisons of eupnoea and gasping in neonatal rats **490**, 277, 1996

WANG X.

*WANG X., ZHENG J. Q. & POO M.* Effects of cytochalasin treatment on short-term synaptic plasticity at developing neuromuscular junctions in frogs **491**, 187, 1996

*WANG X., JAISSER F. & HORISBERGER J.-D.* Role in cation translocation of the N-terminus of the α-subunit of the $Na^+$–$K^+$ pump of *Bufo* **491**, 579, 1996

WANG X.Y.

*WANG X. Y., MCKENZIE J. S. & KEMM R. E.* Whole-cell $K^+$ currents in identified olfactory bulb output neurones of rats **490**, 63, 1996

WANG Y.-X *see FLEISCHMANN B. K., WANG Y.-X., PRING M. & KOTLIKOFF M. I.* **492**, 347, 1996

*WANG Y., WU J., ROWAN M. J. & ANWYL R.* Ryanodine produces a low frequency stimulation-induced NMDA receptor-independent long-term potentiation in the rat dentate gyrus *in vitro* **495**, 755, 1996

WANKE E. *see FARAVELLI L., ARCANGELI A., OLIVOTTO M. & WANKE E.* **496**, 13, 1996

WARDLE R.A. *see KRIZAJ D., RICE M. E., WARDLE R. A. & NICHOLSON C.* **492**, 887, 1996

WARNER A.
*WARNER A., CLEMENTS D. K., PARIKH S., EVANS W. H. & DEHAAN R. L.* Erratum: *Journal of Physiology* **488**, 721–728 (1995) **490**, 827 1996

WASSERSTROM J. A.
*WASSERSTROM J. A. & VITES A.-M.* The role of $Na^+$–$Ca^{2+}$ exchange in activation of excitation–contraction coupling in rat ventricular myocytes **493**, 529, 1996

WATANABE T.
*WATANABE T., TAN N., SAIKI Y., MAKISUMI T. & NAKAMURA S.* Possible involvement of glucocorticoids in the modulation of interleukin-1-induced cardiovascular responses in rats **491**, 231, 1996

WATKINS C.S.
*WATKINS C. S. & MATHIE A.* A non-inactivating $K^+$ current sensitive to muscarinic receptor activation in rat cultured cerebellar granule neurons **491**, 401, 1996

WATSON J.D.G. *see FINK G. R., ADAMS L., WATSON J. D. G., INNES J. A., WUYAM B., KOBAYASHI I., CORFIELD D. R., MURPHY K., JONES T., FRACKOWIAK R. S. J. & GUZ A.* **494**, 908, 1996

WEBB D.J. *see NOON J. P., HAYNES W. G., WEBB D. J. & SHORE A. C.* **490**, 501, 1996

WECHSLER A.S. *see ZHANG K.-M., HU P., WANG S.-W., FEHER J. J., WRIGHT L. D., WECHSLER A. S., SPRATT J. A. & BRIGGS F. N.* **496**, 211, 1996

*see HU P., ZHANG K.-M., FEHER J. J., WANG S.-W., WRIGHT L. D., WECHSLER A. S., SPRATT J. A. & BRIGGS F. N.* **496**, 221, 1996

WEI X. *see OLCESE R., NEELY A., QIN N., WEI X., BIRNBAUMER L. & STEFANI E.* **497**, 675, 1996

WEIGHT F.F. *see YOSHIMURA N., WHITE G., WEIGHT F. F. & DE GROAT W. C.* **494**, 1, 1996

WEINREICH D. *see JAFRI M. S. & WEINREICH D.* **493**, 157, 1996

WEINRICH D. *see JAFRI M. S. & WEINREICH D.* **494**, 907, 1996

WEISS J.N. *see SHIEH R.-C., JOHN S. A., LEE J.-K. & WEISS J. N.* **494**, 363, 1996

WEISZ G. *see KATZ E., FERRO P. A., WEISZ G. & UCHITEL O. D.* **497**, 687, 1996

WENG H.-R.
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*see Scratcherd T., Otun H., Ahmed B., Greenwell J. R., Kotre J. & Gillespie J. I.* **497.P**, 69*P*, 1996

Ahmed M.A.A.S.

*Ahmed M. A. A. S., Walker L. M., Publicover S. J. & El Haj A. J.* Fluorescent imaging of hormone-induced modulation of $[Ca^{2+}]_i$ in periosteal-derived osteoblasts **497.P**, 126*P*, 1996

Aijón J. *see Bravo I. G., Arévalo R., Crespo C., Porteros A., Briñón J. G., Aijón J. & Alonso J. R.* **493.P**, 40*S*, 1996

*see Crespo C., Porteros A., Arévalo R., Bravo I. G., Ojeda E., Aijón J. & Alonso J. R.* **493.P**, 40*S*, 1996

*see* PORTEROS A., CRESPO C., BRAVO I. G., BRIÑÓN J. G., ARÉVALO R., AIJÓN J. & ALONSO J. R. **493.P**, 40*S*, 1996

AITKEN R.P. *see* WALLACE J. M., DA SILVA P., AITKEN R. P. & CHEYNE M. A. **494.P**, 41*P*, 1996

AKAARIR M. *see* RIAL R., GAMUNDI A., AKAARIR M., ROSSELLÓ C., RAYÓ J. M. & NICOLAU M. C. **493.P**, 17*S*, 1996

*see* GAMUNDI A., ROSSELLÓ C., ALEMANY G., AKAARIR M., TIMONER G. & NICOLAU M. C. **493.P**, 24*S*, 1996

AKHTAR S. *see* MCINTOSH P., SOUTHAN A. P., AKHTAR S., SIDERA C., USHKARYOV Y., DOLLY J. O. & ROBERTSON B. **495.P**, 87*P*, 1996

AKINOLA A. *see* PUVI-RAJASINGHAM S., KIMBER J., AKINOLA A., MAGNIFICO F., WATSON L. P. & MATHIAS C. J. **494.P**, 96*P*, 1996

ALABADÍ J.A. *see* ALBORCH E., ALABADÍ J. A., TORREGROSA G., JOVER T. & CENTENO J. M. **493.P**, 72*S*, 1996

ALARCÓN G.

ALARCÓN G., GARCÍA SEOANE J. J., JULER J., BINNIE C. D., POLKEY C. E., ELWES R. D. C. & BLASCO J. O. Propagation of paroxysmal neuronal discharges over temporal neocortex and hippocampus in human epilepsy **493.P**, 30*S*, 1996

AL-ASAM H. *see* DOWNING J. E. G., SIMON M. J., AL-ASAM H., MUSTAFA Y. & PERRY M. E. **495.P**, 130*P*, 1996

ALBEROLA A. *see* RODRÍGUEZ A., CHORRO F. J., ALBEROLA A., RUIZ R., LÓPEZ L. & SUCH L. **493.P**, 167*S*, 1996

ALBEROLA A., REVERT F., MOYA A., GARCÍA J., BELTRÁN J., SANCHO S. & SUCH L. Effects of endothelin$_A$ receptor ($ET_A$) antagonist (BQ-123) on the acute myocardial ischaemia with reperfusion in dogs **493.P**, 77*S*, 1996

ALBERT A.P.

ALBERT A. P., BROOKS P. A. & SPYER K. M. Multiple ion conductances mediate the excitatory effects of 5-hydroxytryptamine (5-HT) on rat dorsal vagal motoneurones (DVMs) **497.P**, 15*P*, 1996

ALBORCH E. *see* MIRANDA F. J., SALOM J. B., BARBERÁ M. D., ORTÍ M. & ALBORCH E. **493.P**, 38*S*, 1996

ALBORCH E., ALABADÍ J. A., TORREGROSA G., JOVER T. & CENTENO J. M. Impairment of endothelial modulation of 5-hydroxytryptamine (5-HT)-induced contraction after subarachnoid haemorrhage (SAH) **493.P**, 72*S*, 1996

ALCALDE A.I. *see* SALVADOR M. T., RODRÍGUEZ-YOLDI M. C., ALCALDE A. I. & RODRÍGUEZ-YOLDI M. J. **493.P**, 107*S*, 1996

*see* MARCO R., NAVARRO H., RODRIGUEZ-YOLDI M. J. & ALCALDE A. I. **493.P**, 108*S*, 1996

AL CHEAR E.D. *see* REES H., HOUGHTON A., CHEN P.-S., AL CHEAR E. D., WESTLUND K. N. & WILLIS W. D. **495.P**, 20*P*, 1996

ALCON S.

ALCON S., ROSADO J. A., PARIENTE J. A., GARCÍA L. J. & POZO M. J. Interaction between secretin and cholecystokinin in guinea-pig exocrine pancreas **493.P**, 155*S*, 1996

ALDASORO M. *see* NOGUERA I., MEDINA P., SEGARRA G., MARTÍNEZ M. C., ALDASORO M., VILA J. M. & LLUCH S. **493.P**, 70*S*, 1996

*see* MEDINA P., VIÑALS I., ROIG S., ALDASORO M., MARTÍNEZ M. C., LEÓN J. M. & LLUCH S. **493.P**, 78*S*, 1996

*see* SEGARRA G., MEDINA P., NOGUERA I., ALDASORO M., VILA J. M., FLOR B. & LLUCH S. **493.P**, 79*S*, 1996

*see* ROIG S., VIÑALS I., ALDASORO M., MEDINA P., VILA J. M., OTERO E. & LLUCH S. **493.P**, 79*S*, 1996

*see* MEDINA P., MARTÍNEZ M. C., VILA J. M., ALDASORO M., CHUAN P. & LLUCH S. **493.P**, 118*S*, 1996

ALEIXANDRE M.A. ALEIXANDRE M. A., PUERRO M., LÓPEZ-MIRANDA V. & ORTEGA A. L-NAME effects in pithed rats **493.P**, 80*S*, 1996

*see* PUERRO M., LÓPEZ-MIRANDA V., ORTEGA A., DELGADO C. & ALEIXANDRE M. A. **493.P**, 80*S*, 1996

*see* ORTEGA T. A., LÓPEZ-MIRANDA V., PUERRO M. & ALEIXANDRE M. A. **493.P**, 81*S*, 1996

*see* LÓPEZ-MIRANDA V., VARA R., GAITÁN M. R., SOLÍS M. & ALEIXANDRE M. A. **493.P**, 137*S*, 1996

ALEMANY G. *see* GAMUNDI A., ROSSELLÓ C., ALEMANY G., AKAARIR M., TIMONER G. & NICOLAU M. C. **493.P**, 24*S*, 1996

ALESHAIKER A. *see* REICHEL A., ALESHAIKER A., BEGLEY D. J. & ABBOTT N. J. **491.P**, 36*P*, 1996

ALESHAIKER A., ROMERO I. A., RIST R. & ABBOTT N. J. The effects of thiamine deficiency on the RBE4 cell line, an *in vitro* model of the blood–brain barrier **491.P**, 38*P*, 1996

ALEU J.

ALEU J., IVORRA I., LEJARRETA M., GAL B., GONZÁLEZ-ROS J. M., FERRAGUT J. A. & MORALES A. Functional properties of P-glycoprotein incorporated into the *Xenopus* oocyte membrane **493.P**, 163*S*, 1996

ALEXANDER B.

ALEXANDER B., NAFTALIN R. J. & ROGERS C. Evidence from *in vitro* glucose uptake that hepatic arterial perfusion is required to maintain the sinusoids open to portal venous perfusion **495.P**, 97*P*, 1996

ALEXANDER B., COTTAM H. & NAFTALIN R. J. Evidence that rat hepatic arterial pressure and altered presinusoidal resistance affect intrahepatic shunt flow *in vitro* **495.P**, 102*P*, 1996

ALI A.

ALI A., DEUCHARS J., HAHN J., PAWELZIK H., WEST D. & THOMSON A. M. Paired intracellular recordings with biocytin filling in rat cortex *in vitro* **494.P**, 11*P*, 1996

ALLEN A. *see* DIXON J., JORDAN N., DETTMAR P. W., PEARSON J. P. & ALLEN A. **495.P**, 105*P*, 1996

ALLEN J.M. *see* FOSTER N. E. L., BAXTER F., WALSH D. M., BAXTER G. D. & ALLEN J. M. **491.P**, 78*P*, 1996

*see* FLOTO R. A. & ALLEN J. M. **491.P**, 94*P*, 1996

*see* LAM H. S. Y., ALLEN J. M. & LEE Y. C. **491.P**, 94*P*, 1996

*see* BARRIE A., MORRIS M. & ALLEN J. M. **491.P**, 98*P*, 1996

*see* NORMAN J. C., HARRISON P. T., DAVIS W. & ALLEN J. M. **491.P**, 100*P*, 1996

*see* LOWE A. S., MCCORMACK K., WALSH D. M., BAXTER G. D. & ALLEN J. M. **495.P**, 131*P*, 1996

ALLERA C. *see* ARNAL J. F., CLAMENS S., PECHET C., NEGRE-SALVAYRE A., ALLERA C., GIROLAMI J.-P., SALVAYRE R. & BAYARD F. **491.P**, 18*P*, 1996

ALLMAN K.G.

ALLMAN K. G., STODDART A., CHEN S., BOYD C. A. R. & YOUNG J. D. Effect of L-lysine administration on nitric oxide production in an ovine model of endotoxaemia **491.P**, 19*P*, 1996

ALMAR M. *see* PASTOR A., ALMAR M., COLLADO P. S. & GONZÁLEZ-GALLEGO J. **493.P**, 133*S*, 1996

*see* CUEVAS M. J., COLLADO P. S., ALMAR M., MANSO R. & GONZÁLEZ-GALLEGO J. **493.P**, 143*S*, 1996

ALONSO I. *see* VELASCO A., TEJEDO B., LUNA L., G-GRANDA T., ALONSO I. & CUYAS L. **493.P**, 122*S*, 1996

ALONSO J.R. *see* BRAVO I. G., ARÉVALO R., CRESPO C., PORTEROS A., BRIÑÓN J. G., AIJÓN J. & ALONSO J. R. **493.P**, 40*S*, 1996

*see* CRESPO C., PORTEROS A., ARÉVALO R., BRAVO I. G., OJEDA E., AIJÓN J. & ALONSO J. R. **493.P**, 40*S*, 1996

*see* PORTEROS A., CRESPO C., BRAVO I. G., BRIÑÓN J. G., ARÉVALO R., AIJÓN J. & ALONSO J. R. **493.P**, 40*S*, 1996

*see* RIVAS-CABAÑERO L., VALDIVIELSO J. M., ALONSO J. R., ARÉVALO M. & LÓPEZ-NOVOA J. M. **493.P**, 86*S*, 1996

*see* VALDIVIELSO J. M., RIVAS-CABAÑERO L., ALONSO J. R. & LÓPEZ-NOVOA J. M. **493.P**, 87*S*, 1996

ALONSO R. *see* LÓPEZ-COVIELLA I., ALONSO R. & HERNÁNDEZ-DÍAZ F. **493.P**, 124*S*, 1996

ALONSO T. *see* MARTÍN-VASALLO P., LECUONA E., ALONSO T. & AVILA J. **493.P**, 64*S*, 1996

ALPER S. *see* CAROPPO R., DEBELLIS L., ALPER S., FRÖMTER E. & CURCI S. **493.P**, 77*P*, 1996

ALTAMIRANO J. *see* VALVERDE M. A., ALTAMIRANO J. & ALVAREZ-LEEFMANS F. J. **491.P**, 99*P*, 1996

ALTIMIRAS M.S. *see* MARTINEZ-GALAN J. R., ALTIMIRAS M. S., PEDRAZA P., DEL REY F. E., MORREALE DE ESCOBAR G. & RUIZ-MARCOS A. **493.P**, 126*S*, 1996

ALVAREZ B. *see* VATICÓN D., ALVAREZ B. & TRESGUERRES J. A. F. **493.P**, 130*S*, 1996

ÁLVAREZ C. *see* AGOTE M., ESCRIVÁ F., GOYA L., ÁLVAREZ C., MARTÍN M. A. & PASCUAL-LEONE A. M. **493.P**, 135*S*, 1996

ALVAREZ J.E.C.

ALVAREZ J. E. C., FERNANDEZ M. I. E. & GUERRERO A. P. Bibliometric analysis of the Spanish research on endocrinology, 1974–1994 **493.P**, 123*S*, 1996

ALVAREZ-LEEFMANS F.J. *see* VALVERDE M. A., ALTAMIRANO J. & ALVAREZ-LEEFMANS F. J. **491.P**, 99*P*, 1996

ALVARO I. *see* MONTE M. J., MORALES A. I., ALVARO I., MACIAS R. I. R., PALOMERO M. F., EL-MIR M. Y. & MARIN J. J. G. **493.P**, 163*S*, 1996

ALZOLA E. *see* MÉTIOUI M., CHAIB N., LACHISH M., ALZOLA E. & DEHAYE J. P. **493.P**, 68*P*, 1996

AMASSIAN V.E.

AMASSIAN V. E., CRACCO R. Q., MACCABEE P. J., CRACCO J. B., HASSAN N., VERGARA M. & EBERLE L. Does human perception of a visual symbol precede its correct vocalization? **491.P**, 74*P*, 1996

*Amassian V. E., Cracco R. Q., Cracco J. B., Maccabee P. J., Vergara M. & Hassan N.* Bilateral synchronization of human laryngeal and abdominal expiratory muscles in vocalization **493.P**, 40*P*, 1996

*see Mari Z., Sagliocco L., Maccabee P. J., Cracco R. Q., Bodis-Wollner I. & Amassian V. E.* **495.P**, 131*P*, 1996

*Amassian V. E., Cracco R. Q., Maccabee P. J., Vergara M. & Hassan N.* Phonetic aids in differentiating levels of human speech interference by magnetic stimulation **497.P**, 34*P*, 1996

Amat C. *see Claramunt H., Amat C. & Moretó M.* **493.P**, 108*S*, 1996

Amato A.

*Amato A., Moss S. J. & Smart T. G.* Modulation of recombinant and rat neuronal $GABA_A$ receptors by redox reagents **493.P**, 44*P*, 1996

Amdour B.L. *see Fleidervish I. A., Amdour B. L., White E. L. & Gutnick M. J.* **494.P**, 88*P*, 1996

Amédée T. *see Beaudu C., Despeyroux S. & Amédée T.* **494.P**, 53*P*, 1996

Amess T.R.

*Amess T. R. & Matthews B.* Factors affecting the rate of diffusion of lignocaine through human and cat dentine *in vitro* **493.P**, 6*P*, 1996

Amin A.M. *see Parkinson L., Amin A. M., Mohamed H., Dagens S., O'Connell J., Reilly A., Sexton S., Shiels G. & Bell C.* **495.P**, 143*P*, 1996

Amobi N.I.B.

*Amobi N. I. B. & Smith I. C. H.* Effects of cyclopiazonic acid on contractions of isolated human vas deferens **491.P**, 23*P*, 1996

*Amobi N. I. B. & Smith I. C. H.* Modulatory effects of ryanodine and cyclopiazonic acid on potassium-induced contractions of isolated human vas deferens **491.P**, 46*P*, 1996

Amos B.J.

*Amos B. J., Mathie A. & Richards C. D.* Effect of metabotropic glutamate receptor activation on the intracellular pH and calcium of rat neurones and glia maintained in culture **491.P**, 136*P*, 1996

*see Watkins C. S., Amos B. J. & Mathie A.* **495.P**, 66*P*, 1996

Amos M.L.

*Amos M. L., Smith M. E. & Ferry C. B.* The effect of pyridostigmine bromide administration in mice on the expression of POMC-derived peptides in motoneurones **491.P**, 146*P*, 1996

Anagnostopoulos T. *see Bouyer P., Thomas S. R., Cougnon M., Edelman A., Anagnostopoulos T. & Planelles G.* **493.P**, 99*P*, 1996

Andersen J.L.

*Andersen J. L. & Aagaard P.* MHC composition related to concentric and eccentric contraction performance in human skeletal muscle **491.P**, 72*P*, 1996

Anderson G.A. *see Middleton R. B., Anderson G. A. & McArdle H. J.* **494.P**, 41*P*, 1996

Anderson J.C. *see Ahmed B., Anderson J. C., Douglas R. J., Martin K. A. C. & Nelson J. C.* **494.P**, 15*P*, 1996

*see Ahmed B., Anderson J. C., Douglas R. J., Martin K. A. C. & Nelson J. C.* **495.P**, 61*P*, 1996

Anderson S.I.

*Anderson S. I., Hudlicka O. & Brown M. D.* Capillary blood flow and activation of white blood cells in chronic rat skeletal muscle ischaemia **491.P**, 28*P*, 1996

Andreu E.

*Andreu E., Soria B. & Sanchez-Andres J. V.* Oscillation of the gap-junction electrical coupling in the pancreatic islet of Langerhans **493.P**, 153*S*, 1996

*see Soria B., Andreu E., Sanchez-Andrés J. V., Montaña E. & Martín F.* **494.P**, 142*P*, 1996

Andrew D.

*Andrew D. & Matthews B.* Properties of single nerve fibres which evoke antidromic vasodilatation in cat dental pulp **491.P**, 27*P*, 1996

*Andrew D., Matthews B. & Coates T. W.* A method for determining the electrical thresholds of single fibres in dissected nerve filaments **493.P**, 6*P*, 1996

Angelini G.D. *see Jeremy J. Y., Dashwood M. R., Timm M., Izzat M. B., Mehta D., Bryan A. J. & Angelini G. D.* **491.P**, 17*P*, 1996

*see Suleiman M.-S., Wallace D., Birkett S. & Angelini G. D.* **491.P**, 44*P*, 1996

*see Suleiman M.-S., Dihmis W. C., Caputo M., Angelini G. D., Hutter J. A. & Bryan A. J.* **491.P**, 160*P*, 1996

*see Jeremy J. Y., Sullivan M., Thompson C. S., Mikhailidis D. P., Morgan R. J. & Angelini G. D.* **493.P**, 21*P*, 1996

Angelo S.

*Angelo S., Irarrázabal C., Cartier E. & Devés R.* Amino acid transport system $y^+L$ of human erythrocytes: interaction between neutral amino acids and monovalent cations **493.P**, 115*S*, 1996

Antón F. *see Aguilar R., Bellido C., Antón F., Aguilar E. & Gaytán F.* **493.P**, 53*S*, 1996

Antonijevic I. *see Scullion S., Antonijevic I. & Leng G.* **495.P**, 5*P*, 1996

Anwar N.

*Anwar N. & Sugden D.* Measurement of changes in c-*fos* expression in rat pinealocytes using a competitive reverse transcription polymerase chain reaction method **491.P**, 95*P*, 1996

Anwyl R. *see Wang Y., Rowan M. J. & Anwyl R.* **495.P**, 50*P*, 1996

*see Hölscher C., McGlinchey L., Anwyl R. & Rowan M. J.* **495.P**, 63*P*, 1996

Appenteng K. *see Min M.-Y. & Appenteng K.* **494.P**, 71*P*, 1996

*see Yang H.-W., Appenteng K. & Batten T. F. C.* **494.P**, 72*P*, 1996

*see Min M.-Y. & Appenteng K.* **495.P**, 66*P*, 1996

Apps R. *see Armstrong D. M., Apps R., Hartell N. A. & Montgomery A.* **493.P**, 10*S*, 1996

Arafat K. *see El-Sharkawy T. Y. & Arafat K.* **495.P**, 100*P*, 1996

Arahuetes R.M. *see Barrutia M. G., Rodriguez M., de Marco M. C. & Arahuetes R. M.* **493.P**, 92*S*, 1996

Aranda A. *see Lasa M., Chiloeches A., Aranda A., Ropero S., Montes A. & Toro M. J.* **493.P**, 121*S*, 1996

Arce A. *see Castrillón P. O., García-Bonacho M., Selgas L., Esquifino A. I. & Arce A.* **493.P**, 48*S*, 1996

*see Selgas L., Arce A., García-Bonacho M., Castrillon P. O. & Esquifino A. I.* **493.P**, 48*S*, 1996

*Arce A., Castrillón P. O., Selgas L., Garcia-Bonacho M. & Esquifino A. I.* Effect of local autonomic denervation on *in vitro* responsiveness of lymphocytes from rat submaxillary lymph nodes **493.P**, 49*S*, 1996

*Arce A., Selgas L., Garcia-Bonacho M., Castrillón P. O., Della Maggiore V., Cardinali D. P. & Esquifino A. I.* Immune responses in submaxillary lymph nodes of pituitary-grafted rats. Effect of autonomic denervation **493.P**, 49*S*, 1996

*see García-Bonacho M., Castrillón P. O., Arce A., Selgas L. & Esquifino A. I.* **493.P**, 52*S*, 1996

*see Díaz B., Colmenero M. D., Díaz E., Arce A., Esquifino A., García R. & Marín B.* **493.P**, 124*S*, 1996

Ardell J.L. *see Randall D. C., Brown D. R. & Ardell J. L.* **494.P**, 17*S*, 1996

Arenas J.C. *see Moreno M. J., Arenas J. C., Berjón A. & Fernández-Otero M. P.* **493.P**, 143*S*, 1996

Arevalo F. *see Perez-Redondo J., Arevalo F., Abaigar T. & Perez-Suarez G.* **493.P**, 92*S*, 1996

Arévalo M. *see Rivas-Cabañero L., Valdivielso J. M., Alonso J. R., Arévalo M. & López-Novoa J. M.* **493.P**, 86*S*, 1996

*see Gallego-Oviedo M. B., Martínez-Salgado C., Valdivielso J. M., Rodríguez-Barbero A., García-Bastos J. L., Arévalo M. & López-Novoa J. M.* **493.P**, 88*S*, 1996

Arévalo R. *see Bravo I. G., Arévalo R., Crespo C., Porteros A., Briñón J. G., Aijón J. & Alonso J. R.* **493.P**, 40*S*, 1996

*see Crespo C., Porteros A., Arévalo R., Bravo I. G., Ojeda E., Aijón J. & Alonso J. R.* **493.P**, 40*S*, 1996

*see Porteros A., Crespo C., Bravo I. G., Briñón J. G., Arévalo R., Aijón J. & Alonso J. R.* **493.P**, 40*S*, 1996

Argibay J. *see Mijares A., Peineau N., Malécot C. O. & Argibay J.* **494.P**, 113*P*, 1996

Argibay J.A. *see Malécot C. O. & Argibay J. A.* **497.P**, 54*P*, 1996

Arizna Varreta C. *see Rol de Lama M. A., Pérez Romero A., Tresguerres J. A. F. & Arizna Varreta C.* **493.P**, 121*S*, 1996

*see Granados B., Arizna Varreta C., Hermanussen M. & Tresguerres J. A. F.* **493.P**, 162*S*, 1996

Arkison S. *see Blackshaw S. E., Cameron C. & Arkison S.* **495.P**, 32*P*, 1996

Armand J. *see Lemon R. N., Olivier E., Edgley S. A. & Armand J.* **493.P**, 8*S*, 1996

Armstrong D.M. *see Crowdy K., Hollands M. A., Montgomery A. S., Marple-Horvat D. E., Armstrong D. M. & Ferguson I. T.* **493.P**, 14*P*, 1996

*see Marple-Horvat D. E., Criado J. M., Hollands M. A. & Armstrong D. M.* **493.P**, 9*S*, 1996

*Armstrong D. M., Apps R., Hartell N. A. & Montgomery A.* Excitability of somatic afferent paths to cerebellum and motor cortex during locomotion **493.P**, 10*S*, 1996

Arnaiz I. *see Rico M., Lorenzo M. T., Oliveira C., Arnaiz I. & De la Cruz L. F.* **493.P**, 125*S*, 1996

*see Rico M., Lorenzo M. T., Oliveira C., Arnaiz I. & De la Cruz L. F.* **493.P**, 125*S*, 1996

Arnal J. F.

*Arnal J. F., Clamens S., Pechet C., Negre-Salvayre A., Allera C., Girolami J.-P., Salvayre R. & Bayard F.* Oestrogens enhance nitric oxide biological activity in bovine aortic endothelial cells by inhibiting superoxide anion production **491.P**, 18*P*, 1996

Arribas S. M. *see McAuley M. A., Arribas S. M. & McGrath J. C.* **493.P**, 84*S*, 1996

Arruebo M. P. *see Guerrero-Lindner E., Plaza M. A., Arruebo M. P. & Murillo M. D.* **493.P**, 107*S*, 1996

Artal L.

*Artal L., Chorro F. J., Sanchis J., Llavador J. J., Rodríguez A. & Such L.* Intrinsic modifications on the ventricle refractoriness and retrograde A–V conduction due to physical training: an experimental study in rabbits **493.P**, 77*S*, 1996

Artieda J. *see Pastor M. A. & Artieda J.* **493.P**, 22*S*, 1996

Arvan P. *see Kuliawat R., Huang X. F., Prabakaran D. & Arvan P.* **494.P**, 5*S*, 1996

Asbóth G.

*Asbóth G., Phaneuf S. & López Bernal A.* Characterization of prostaglandin $E_2$ receptors in cultured human myometrial cells **491.P**, 167*P*, 1996

*see Phaneuf S., Carrasco M. P., Asbóth G., Europe-Finner G. N., Hamilton C. H. & López Bernal A.* **491.P**, 169*P*, 1996

*see Carrasco M.P., Phaneuf S., Asbóth G. & López Bernal A.* **491.P**, 170*P*, 1996

Asensi M. *see Viña J., Pallardó F. V., Sastre J., Asensi M., de la Asunción J. G. & Millán A.* **493.P**, 57*S*, 1996

Ashcroft F. M.

*Ashcroft F. M., Proks P. & Smith P.* Exocytosis in isolated mouse pancreatic $\beta$-cells **493.P**, 146*S*, 1996

Ashford M. L. J. *see Herson P. S., Dulock K. A., Rowe I. C. M. & Ashford M. L. J.* **495.P**, 86*P*, 1996

*see McKenna F., Smith M. A., Rowe I. C. M., Richardson P. J. & Ashford M. L. J.* **495.P**, 87*P*, 1996

Ashley C. C. *see Rapp G., Ashley C. C., Bagni M. A., Cecchi G. & Griffiths P. J.* **497.P**, 39*P*, 1996

*see Pelc R., Smith P. J. S. & Ashley C. C.* **497.P**, 41*P*, 1996

*see Johns E. C., Hodson E. A. M., Fish H., Lymn J. S., Thurston H., Mulligan I. P. & Ashley C. C.* **497.P**, 51*P*, 1996

Ashley Z.

*Ashley Z., Cox V. M., Young I. S. & Goldspink D. F.* Multiple eccentric and concentric work loops produce similar decrements in performance in rabbit skeletal muscle **497.P**, 38*P*, 1996

*see Cox V., James R., Ashley Z. & Goldspink D.* **497.P**, 38*P*, 1996

Ashmore J. F. *see Jagger D. J. & Ashmore J. F.* **493.P**, 13*P*, 1996

*Ashmore J. F. & Gale J. E.* Capacitance of membrane patches measured at frequencies above 10 kHz **493.P**, 14*P*, 1996

*see Jagger D. J. & Ashmore J. F.* **494.P**, 58*P*, 1996

Ashton N. *see Gouldsborough I., Ashton N., Jones L. K. & Harrison J.* **493.P**, 97*P*, 1996

Athanassiou P. *see Kostoglou-Athanassiou I., Athanassiou P., Zhou Y. & Forsling M. L.* **495.P**, 119*P*, 1996

Atterwill C. K. *see Bystry R. S., Fox R. M. & Atterwill C. K.* **491.P**, 43*P*, 1996

Attwell D. *see Rossi D., Billups B. & Attwell D.* **491.P**, 147*P*, 1996

*see Billups B., Sarantis M. & Attwell D.* **494.P**, 3*P*, 1996

*see Takahashi M. & Attwell D.* **494.P**, 10*P*, 1996

*see Billups B., Rossi D. & Attwell D.* **494.P**, 85*P*, 1996

*see Kamm D., Spiridon M., Billups B. & Attwell D.* **495.P**, 45*P*, 1996

Au C. L.

*Au C. L., Chung H. S., Pang H. C. & Chan L. F.* Human chorionic gonadotrophin (hCG)-induced endothelial cell proliferation in adult rat testes and its dependence on the presence of Leydig cells **497.P**, 71*P*, 1996

Auclerc-Pascarel C.

*Auclerc-Pascarel C., Hongo K., Cazorla O., Garnier D., White E. & Le Guennec J.-Y.* Gadolinium blocks the rapid component of the delayed rectifier in isolated guinea-pig ventricular myocytes **491.P**, 161*P*, 1996

*see Cazorla O., Auclerc-Pascarel C., Garnier D. & Le Guennec J.-Y.* **491.P**, 161*P*, 1996

Austin C. *see Shields D., Chen Y., Ling W. L. W., Austin C., Elgort A. & Wu F.* **494.P**, 5*S*, 1996

*see Smith R. D., Austin C., Dilly K. W., Wray S. & Eisner D. A.* **497.P**, 56*P*, 1996

Austin N.

*Austin N., Li Q., Hornby D. & White S.* Renal and extrarenal localization of the RACTK1 $K^+$ channel by immunofluorescence **497.P**, 94*P*, 1996

Avila J. *see Martín-Vasallo P., Lecuona E., Alonso T. & Avila J.* **493.P**, 64*S*, 1996

Awad S. S. *see Lamb H. K., Awad S. S., Morgan J. M. & Gillespie J. I.* **491.P**, 168*P*, 1996

*see Morgan J. M., Awad S. S. & Gillespie J. I.* **491.P**, 168*P*, 1996

Ayar A.

*Ayar A. & Scott R. H.* Perturbation of intracellular $Ca^{2+}$ stores in cultured dorsal root ganglion neurones from neonatal rats by ryanodine **495.P**, 59*P*, 1996

*Ayar A., Zehavi U., Trentham D. & Scott R. H.* Whole-cell currents evoked by intracellular photorelease of dihydrosphingosine in cultured dorsal root ganglion neurones isolated from neonatal rats **497.P**, 113*P*, 1996

Ayre K. *see Helge J. W., Ayre K., Hulbert A. J. & Storlien L.* **491.P**, 63*P*, 1996

Aziz A. *see Wood G., Aziz A., Mustafa M. A. & Winlow W.* **495.P**, 37*P*, 1996

*see Morris T. J., Aziz A., Mustafa M. A., Hopkins P. M. & Winlow W.* **497.P**, 116*P*, 1996

Aziz Q. *see Hamdy S., Crone R., Aziz Q., Rothwell J. C., Tallis R. C. & Thompson D. G.* **491.P**, 118*P*, 1996

Bačáková L. *see Jakubík J., Bačáková L., El-Fakahany E. E. & Tuček S.* **491.P**, 138*P*, 1996

Bachs O.

*Bachs O., Agell N., Bosser R., Castro A., Faura M., Jaumot M., Pancetti F., Pujol M. J. & Rius E.* Nuclear events during liver regeneration **493.P**, 158*S*, 1996

Bachy J. P. *see Benchetrit G., Gentil M., Moldovanou I., Eberhard A., Pollak P., Vovk V., Couliart V. & Bachy J. P.* **497.P**, 28*P*, 1996

Bagni M. A. *see Rapp G., Ashley C. C., Bagni M. A., Cecchi G. & Griffiths P. J.* **497.P**, 39*P*, 1996

Bailey A. R. T.

*Bailey A. R. T., Smith R. G. & Leng G.* Activation of hypothalamic arcuate neurones in the urethane-anaesthetized rat following systemic injection of growth hormone secretagogues **495.P**, 115*P*, 1996

Bailey C. J. *see Jeal S., Turner S. L., Smith M. E. & Bailey C. J.* **491.P**, 131*P*, 1996

Bailey M. A.

*Bailey M. A. & Unwin R. J.* The effect of bafilomycin on transepithelial potential difference in the distal tubule of anaesthetized rats **493.P**, 69*P*, 1996

*Bailey M. A., Shirley D. G., Unwin R. J. & Walter S. J.* Transepithelial potential difference in proximal tubules of anaesthetized potassium-depleted rats **493.P**, 77*P*, 1996

*Bailey M. A., Fletcher R. M., Woodrow D. F., Unwin R. J. & Walter S. J.* Redistribution of $H^+$-ATPase in cortical distal nephron segments of the $K^+$-depleted rat **493.P**, 95*P*, 1996

Bailey P. D. *see Boyd C. A. R., Bronk J. R., Lister N. & Bailey P. D.* **493.P**, 104*P*, 1996

*see Temple C. S., Bailey P. D., Bronk J. R. & Boyd C. A. R.* **493.P**, 62*P*, 1996

Baines D. L. *see Gambling L., Fyfe G. K., Kemp P. J., Olver R. E. & Baines D. L.* **493.P**, 79*P*, 1996

Bajo V. *see Eriksson J., Locatelli C., Eriksson C., Bajo V. & Villa A. E. P.* **493.P**, 14*S*, 1996

*see Locatelli C., Eriksson C., Bajo V., Edeline J.-M., Liberati D., Vantini G. & Villa A. E. P.* **493.P**, 20*S*, 1996

*see Rouiller E. M., Bajo V., Eriksson J. & Villa A. E. P.* **493.P**, 21*S*, 1996

*see Vantini G., Bajo V., Edeline J.-M. & Villa A. E. P.* **493.P**, 21*S*, 1996

Bajo V. M. *see Nodal F. R., Manunta Y., Edeline J.-M. & Bajo V. M.* **493.P**, 15*S*, 1996

BAKER G.F.

*BAKER G. F. & WIDDAS W. F.* The relationship of the chloride–hydroxyl exchange rate in human red cells when the outside chloride concentration is varied twentyfold **493.P**, 61*P*, 1996

BAKER M.D.

*BAKER M. D. & BOSTOCK H.* Sustained inward currents in large neurones cultured from adult rat dorsal root ganglia **491.P**, 141*P*, 1996

BAKER M.R. *see AGGELOPOULOS N. C., BAKER M. R., EDGLEY S. A. & LIDIERTH M.* **491.P**, 178*P*, 1996

BAKER R. *see PASTOR M., DE LA CRUZ R. R. & BAKER R.* **493.P**, 14*S*, 1996

BAKER S.N. *see OLIVIER E., MAIER M. A., BAKER S. N., PHILBIN N., MORRIS T. & LEMON R. N.* **494.P**, 63*P*, 1996

*BAKER S. N., OLIVIER E. & LEMON R. N.* 20 Hz coherent oscillations in cortical and EMG recordings from a monkey performing a precision grip task **494.P**, 64*P*, 1996

BAKHRAMOV A. *see FILIPPOVA N., MEDINA I., BAKHRAMOV A. & BREGESTOVSKI P.* **491.P**, 135*P*, 1996

BALD C.

*BALD C., MÁRQUEZ J. J. & MARTÍNEZ J. A.* Early effects of ovariectomy on bone formation and resorption in rats **493.P**, 133*S*, 1996

BALDWIN L.M.

*BALDWIN L. M., PORTER D. W. F. & GRUNDY D.* Enteric reflex control of adaptive relaxation in the ferret stomach *in vitro* **495.P**, 104*P*, 1996

BALDWIN P.J. *see TATTERSALL J. E. H., BALDWIN P. J., WOOD S. & CRISP G.* **495.P**, 6*P*, 1996

BALLANYI K. *see TRAPP S., LÜCKERMANN M., KAILA K. & BALLANYI K.* **494.P**, 76*P*, 1996

BALLESTEROS E. *see BARAHONA M. V., SÁNCHEZ-FORTÚN S., SAN ANDRÉS M. D., BALLESTEROS E. & SAN ANDRÉS M. I.* **493.P**, 31*S*, 1996

BALLYK B. *see BLEAKMAN D., SCHOEPP D. D., LODGE D., ORNSTEIN P. L., BUFTON H., SHARPE E. F., THOMAS K., BALLYK B. & KAMBOJ R.* **493.P**, 51*P*, 1996

BALMENT R.J. *see TEIN M. S. C., BIRDSEY T. J., GARLAND H. O., BALMENT R. J., BOYD R. D. H. & SIBLEY C. P.* **493.P**, 85*P*, 1996

*see HUBBARD P. C., BALMENT R. J. & MCCROHAN C. R.* **495.P**, 38*P*, 1996

*see TEIN M. S. C., BREEN S. A., LOVEDAY B. E., GARLAND H. O., BALMENT R. J., BOYD R. D. H. & SIBLEY C. P.* **497.P**, 126*P*, 1996

BANDRÉS F. *see LUCÍA A., CHICHARRO J. L., BANDRÉS F. & LEGIDO J. C.* **493.P**, 118*S*, 1996

BANGSBO J. *see MACLEAN D. A., RÅDEGRAN G., HELLSTEN Y. & BANGSBO J.* **491.P**, 126*P*, 1996

BANKAITIS V.

*BANKAITIS V.* A novel regulatory pathway for the biogenesis of Golgi-derived secretory vesicles **494.P**, 3*S*, 1996

BANKS D.

*BANKS D.* Techniques for recording the activity of trigeminal brainstem neurones in awake, unrestrained or chronically prepared, anaesthetized cats **491.P**, 19*S*, 1996

BANKS J. *see GARDNER E. J., RICHARDSON H. C. & BANKS J.* **495.P**, 7*P*, 1996

*see GARDNER E. J., RICHARDSON H. C. & BANKS J.* **495.P**, 142*P*, 1996

BANKS R.W. *see HULLIGER M., BANKS R. W. & GEMMILL J. F.* **494.P**, 71*P*, 1996

BANNAI S. *see SATO H., SIOW R. C. M., TAKETANI S., ISHII T., BANNAI S. & MANN G. E.* **491.P**, 41*P*, 1996

BANNER S.J.

*BANNER S. J., MARSHALL L. J., MUIMO R. & MEHTA A.* Intermolecular transfer of guanine nucleotide $\gamma$ phosphate to apical membrane proteins in ovine tracheal epithelium *in vitro* **493.P**, 72*P*, 1996

BANTING G. *see GIROTTI M., ROQUEMORE E., PONNAMBALAM S. & BANTING G.* **494.P**, 4*S*, 1996

BARAHONA M.V.

*BARAHONA M. V., SÁNCHEZ-FORTÚN S., SAN ANDRÉS M. D., BALLESTEROS E. & SAN ANDRÉS M. I.* Cholinergic innervation of the cow oesophageal groove **493.P**, 31*S*, 1996

BARBER A. *see ZULET M. A., DÍEZ A., BARBER A., FERNÁNDEZ-OTERO M. P. & MARTÍNEZ J. A.* **493.P**, 102*S*, 1996

*see PÉREZ M., BERJÓN A., BARBER A. & PONZ F.* **493.P**, 103*S*, 1996

BARBERÁ M.D. *see MIRANDA F. J., SALOM J. B., BARBERÁ M. D., ORTÍ M. & ALBORCH E.* **493.P**, 38*S*, 1996

BARBERO E.R. *see MONTE M. J., SERRANO M. A., VILLANUEVA G. R., BARBERO E. R., HERRERA M. C., CRIADO J., DOMINGUEZ M. F. & MARIN J. J. G.* **493.P**, 162*S*, 1996

BARDHAN K.D. *see KALIA N., MORTON D., JACOB S., REED M. W. R., BARDHAN K. D. & BROWN N. J.* **491.P**, 31*P*, 1996

BARER G. *see LIU X. & BARER G.* **497.P**, 25*P*, 1996

BARER G.R. *see LIU X., BEE D., EMERY C. J. & BARER G. R.* **494.P**, 92*P*, 1996

BARGIOTTA A. *see PARKER D. R., BARGIOTTA A., HALLIWELL M. & CORRALL R. J. M.* **495.P**, 128*P*, 1996

BARILLOT J.C. *see NÚÑEZ-VÁZQUEZ E., FRUGIÈRE A., PÁSARO R. & BARILLOT J. C.* **493.P**, 80*S*, 1996

BARJA G. *see ROJAS C., CADENAS S., PÉREZ-CAMPO R., LÓPEZ-TORRES M. & BARJA G.* **493.P**, 136*S*, 1996

*see ROJAS C., CADENAS S., PÉREZ-CAMPO R., LÓPEZ-TORRES M. & BARJA G.* **493.P**, 136*S*, 1996

BARJAU I. *see NICOLAU M. C., GAMUNDI A., MARTÍN J., ROSSELLÓ C., BARJAU I. & RIAL R.* **493.P**, 17*S*, 1996

BARKER J.E.

*BARKER J. E., HEALES S. J. R., BOLANOS J. P., LAND J. M. & CLARK J. B.* Glutathione protects the mitochondrial respiratory chain from peroxynitrite-mediated damage in rat primary astrocytes **491.P**, 34*P*, 1996

BARNES A. *see JULU P. O. O., HANSEN S., BARNES A. & JAMAL G. A.* **497.P**, 7*P*, 1996

BARNES-DAVIES M. *see FORSYTHE I. D., BREW H. M., BARNES-DAVIES M., RUSZNÁK Z. & DOUGHTY J. M.* **493.P**, 26*S*, 1996

*BARNES-DAVIES M. & FORSYTHE I. D.* AMPA receptor-mediated synaptic currents rectify with internal spermine in rat MNTB neurones *in vitro* **495.P**, 44*P*, 1996

*see FORSYTHE I. D., BARNES-DAVIES M., TSUJIMOTO T., ONODERA K. & TAKAHASHI T.* **495.P**, 47*P*, 1996

BARNES G.R. *see LEKWUWA G. U. & BARNES G. R.* **491.P**, 74*P*, 1996

*see WELLS S. G. & BARNES G. R.* **494.P**, 69*P*, 1996

BARNETT T.G.

*BARNETT T. G., PELLING C. W. A. & ROSENBERG M. E.* An amplifier for electro-oculography **494.P**, 3*P*, 1996

*see MILLAR J., MELLERIO J., BARNETT T. G. & KHAN S.* **494.P**, 5*P*, 1996

BARÓ I. *see MOHAMMAD-PANAH R., LIPECKA J., FANEN P., BAUDOUIN-LEGROS M., BARÓ I., PLANELLES G. & EDELMAN A.* **493.P**, 101*P*, 1996

BARRAND M.A. *see HAINSWORTH A. H., BARRAND M. A. & HLADKY S. B.* **493.P**, 88*P*, 1996

*see VON WEIKERSTHAL S. F., HAINSWORTH A. H., HENDERSON R. M., HLADKY S. B. & BARRAND M. A.* **494.P**, 58*P*, 1996

*see VON WEIKERSTHAL S. F., BARRAND M. A. & HLADKY S. B.* **495.P**, 91*P*, 1996

*see HAINSWORTH A. H., BARRAND M. A. & HLADKY S. B.* **495.P**, 122*P*, 1996

BARRIE A.

*BARRIE A., MORRIS M. & ALLEN J. M.* Pituitary adenylyl cyclase activating peptide induces a neuronal morphology in PC12 cells that is distinct from that induced by nerve growth factor **491.P**, 98*P*, 1996

BARRUTIA M.G.

*BARRUTIA M. G., RODRIGUEZ M., DE MARCO M. C. & ARAHUETES R. M.* Isolation and characterization of leucocytic subpopulation in the interstitial compartment of the rat lung **493.P**, 92*S*, 1996

BARRY J.A. *see MATTISON R. J., THOMSON D., BARRY J. A. & RIBCHESTER R. R.* **495.P**, 152*P*, 1996

*see MOLENAAR P. C., VAN KEMPEN G. TH. H., BARRY J. A. & RIBCHESTER R. R.* **495.P**, 153*P*, 1996

*see RIBCHESTER R. R., BARRY J. A. & MATTISON R. J.* **495.P**, 5*S*, 1996

BARRY M.F.

*BARRY M. F., VICKERY R. M. & BINDMAN L. J.* A non-associative depotentiation of synaptic transmission can be induced postsynaptically in isolated slices of rat hippocampus **495.P**, 52*P*, 1996

BARRY P.B.

*BARRY P. B., MASON N. P., NICKOL A., DATTA A., MILLEDGE J. S., WOLFF C. B. & COLLIER D. J.* Cough receptor sensitivity and dynamic ventilatory response to carbon dioxide in man acclimatized to high altitude **497.P**, 29*P*, 1996

BARTLETT I.S.

*BARTLETT I. S. & MARSHALL J. M.* Mechanisms underlying the depression of noradrenaline-evoked contractions induced by chronic hypoxia in the rat iliac artery *in vitro* **491.P**, 24*P*, 1996

BASALEH M. *see KELLETT G. L., CORPE C. P., BASALEH M., AFFLECK J., GOULD G. W. & JESS T. J.* **493.P**, 65*P*, 1996

BASAVAPPA S.

*BASAVAPPA S., MOBASHERI A. & ELLORY J. C.* Inhibition of the $Na^+$–$K^+$-ATPase in the neuroblastoma cell line CHP-100 activates taurine efflux **491.P**, 150*P*, 1996

*see HUANG C.-C., BASAVAPPA S. & ELLORY J. C.* **493.P**, 93*P*, 1996

Bascal Z. *see* White A. R., Bascal Z., Holden-Dye L. & Walker R. J. **491.P**, 108*P*, 1996

Bashir Z.I. *see* Kemp N., de Mendonca A. & Bashir Z. I. **495.P**, 63*P*, 1996

Basile S.

*Basile S., Ladewig S., Pierau Fr.-K. & Lynn B.* Antagonistic role of tachykinins and calcitonin gene-related peptide (CGRP) in histamine-induced plasma extravasation in the skin of the anaesthetized pig **494.P**, 45*P*, 1996

Bassey E.J.

*Bassey E. J., Mockett S. P. & Fentem P. H.* Lack of variation in muscle strength with menstrual status in healthy women aged 45–54 years; data from a national survey **491.P**, 84*P*, 1996

Bate G.W.

*Bate G. W., Varro A., Dimaline R. & Dockray G. J.* Regulation of gastrin biosynthesis in rat antral mucosa **495.P**, 94*P*, 1996

Bates J.A. *see* Howarth F. C., Bates J. A. & Levi A. J. **493.P**, 13*P*, 1996

*see* Hobai I. A., Bates J. A., Howarth F. C. & Levi A. J. **494.P**, 108*P*, 1996

*see* Howarth F. C., Bates J. A. & Levi A. J. **494.P**, 109*P*, 1996

Battaglia A. *see* Vacca G., Battaglia A., Grossini E., Mary D. A. S. G., Molinari C. & Surico N. **497.P**, 17*P*, 1996

Batten T.F.C. *see* Yang H.-W., Appenteng K. & Batten T. F. C. **494.P**, 72*P*, 1996

*see* Saha S., Batten T. F. C. & McWilliam P. N. **497.P**, 74*P*, 1996

*Batten T. F. C., McWilliam P. N., Maqbool A., Michael G. J. & Priestley J. V.* Influence of peripheral targets on the expression of trkB and trkC in vagal motoneurones **497.P**, 107*P*, 1996

*Batten T. F. C., Maqbool A. & McWilliam P. N.* Plasticity of peptidergic phenotype in rat vagal motoneurones **497.P**, 7*S*, 1996

Baudouin-Legros M. *see* Mohammad-Panah R., Lipecka J., Fanen P., Baudouin-Legros M., Baró I., Planelles G. & Edelman A. **493.P** 101*P*, 1996

Bauerle P.A. *see* Brand K., Bauerle P. A., Walli A. K. & Neumeier D. **491.P**, 2*S*, 1996

Baulieu E.E.

*Baulieu E. E.* Non-reproductive sex steroids **494.P**, 10*S*, 1996

Baumann K.I. *Baumann K. I. & Tsu S. Y. H.* On-line analysis of spike trains for immediate identification of responses from mechanoreceptors **491.P**, 2*P*, 1996

*see* Senok S. S. & Baumann K. I. **491.P**, 112*P*, 1996

Baxter F. *see* Foster N. E. L., Baxter F., Walsh D. M., Baxter G. D. & Allen J. M. **491.P**, 78*P*, 1996

Baxter G.D. *see* Foster N. E. L., Baxter F., Walsh D. M., Baxter G. D. & Allen J. M. **491.P**, 78*P*, 1996

*see* Lowe A. S., McCormack K., Walsh D. M., Baxter G. D. & Allen J. M. **495.P**, 131*P*, 1996

Bayard F. *see* Arnal J. F., Clamens S., Pechet C., Negre-Salvayre A., Allera C., Girolami J.-P., Salvayre R. & Bayard F. **491.P**, 18*P*, 1996

Baydoun A.R. *see* Cannon T. R., Mann G. E. & Baydoun A. R. **491.P**, 20*P*, 1996

*see* Wileman S. M., Baydoun A. R. & Mann G. E. **491.P**, 20*P*, 1996

*Baydoun A. R. & Morgan D. M. L.* Effects of inhibition of polyamine biosynthesis on nitric oxide production in endotoxin-stimulated J774 cells **491.P**, 32*P*, 1996

Bayguinov J. *see* Ward S. M., Bayguinov J., Stratton C. J., Burns A. J. & Sanders K. M. **495.P**, 94*P*, 1996

Baylis H.A. *see* Matsuda K., Baylis H. A., Squire M. D. & Sattelle D. B. **495.P**, 40*P*, 1996

Bayón J.E.

*Bayón J. E., Pascolo L., Ostrow D., Tiribelli C. & González-Gallego J.* ATP modulates bilirubin (UCB) uptake in rat liver plasma membrane vesicles **493.P**, 110*S*, 1996

Beamish N. *see* Strickland C., Parker C., Beamish N. & Abbott N. J. **491.P**, 106*P*, 1996

Beaudu C.

*Beaudu C., Despeyroux S. & Amédée T.* 8-(4-Chlorophenylthio)-cAMP has opposite long-term effects on potassium and calcium channel currents in cultured mouse Schwann cells **494.P**, 53*P*, 1996

Beaumont V.L.

*Beaumont V. L., Bufton H. R. & Kilpatrick I. C.* On the influence of glutamine on the integrity of synaptic transmission in the neonatal rat hemisected spinal cord *in vitro* **493.P**, 52*P*, 1996

Becker D.

*Becker D., Bonness V., Catsicas M. & Mobbs P.* Determination of the pattern of gap-junctional communication between neurons of the embryonic chick retina by whole-cell patch clamping and confocal microscopy **494.P**, 11*P*, 1996

Becker H.D. *see* Williams R. M., Klaffschenkel R. A., Becker H. D. & Deusch K. **495.P**, 97*P*, 1996

Beddy D.

*Beddy D. & McLoughlin P.* Effects of hypercapnia on phenylephrine-induced tension and endothelium-dependent relaxation in isolated rings of rat pulmonary artery **491.P**, 54*P*, 1996

Bedri B.A.

*Bedri B. A., Page K. R. & McEwan G. T. A.* The influence of the myenteric nerve plexus on NO-mediated secretory events in isolated rat intestine **493.P**, 88*P*, 1996

Beeby J.H. *see* Pambakian P. S., Jagger E., Beeby J. H., Torsney C. & Henderson Z. **497.P**, 100*P*, 1996

Beech D.J. *see* Prior H. M., Yates M. S. & Beech D. J. **493.P**, 21*P*, 1996

*see* Yusaf S. P., Beech D. J., Wray D. & Sivaprasadarao A. **494.P**, 51*P*, 1996

*see* Prior H. M., Beech D. J. & Yates M. S. **497.P**, 84*P*, 1996

*see* McHugh D. & Beech D. J. **497.P**, 128*P*, 1996

Bee D. *see* Liu X., Bee D., Emery C. J. & Barer G. R. **494.P**, 92*P*, 1996

Beelen A.

*Beelen A., Nollet F. & Sargeant A. J.* Maximal voluntary activation of quadriceps muscle in prior polio patients **491.P**, 127*P*, 1996

*see* Nollet F., Beelen A. & Sargeant A. J. **491.P**, 128*P*, 1996

Beeson D. *see* Newland C., Croxen R., Beeson D., Vincent A. & Newsom-Davis J. **495.P**, 79*P*, 1996

Begley D.J. *see* Reichel A., Begley D. J. & Abbott N. J. **491.P**, 30*P*, 1996

*see* Reichel A., Begley D. J. & Abbott N. J. **491.P**, 35*P*, 1996

*see* Reeve-Chen Z. D., Reichel A., Begley D. J. & Abbott N. J. **491.P**, 36*P*, 1996

*see* Reichel A., Aleshaiker A., Begley D. J. & Abbott N. J. **491.P**, 36*P*, 1996

*see* Habgood M. D., Begley D. J. & Abbott N. J. **491.P**, 37*P*, 1996

Béhé P. *see* Wyllie D., Béhé P., Edmonds B., Nassar M., Schoepfer R. & Colquhoun D. **491.P**, 135*P*, 1996

Belda J. *see* Bosch-Morell F., Sanz A., Belda J., Díaz-Llopis M. & Romero F. J. **493.P**, 23*S*, 1996

Belham C.M. *see* Scott P. H., Belham C. M., Peacock A. J. & Plevin R. **491.P**, 3*S*, 1996

Bell C. *see* Parkinson L., Amin A. M., Mohamed H., Dagens S., O'Connell J., Reilly A., Sexton S., Shiels G. & Bell C. **495.P**, 143*P*, 1996

Bellido C. *see* Aguilar R., Bellido C., Antón F., Aguilar E. & Gaytán F. **493.P**, 53*S*, 1996

*Bellido C., García M., Aguilar E., van Rooijen N. & Gaytán F.* The recovery of Leydig cells from the atrophy induced by hypophysectomy is partially dependent on the presence of macrophages **493.P**, 53*S*, 1996

Bellido J. *see* Ramírez P., Mateos J. C., Carrión N., Bellido J. & Serra R. **493.P**, 32*S*, 1996

Bellmunt M.J. *see* Portero M., Pamplona R., Bellmunt M. J., Nagaraj R. H., Monnier V. M. & Prat J. **493.P**, 60*S*, 1996

*Bellmunt M. J., Portero M., Pamplona R., Cosso L., Odetti P. & Prat J.* Pentosidine: ageing marker for lung collagen **493.P**, 62*S*, 1996

Bell P.R.F. *see* Hillier C., Sayers R. D., Naylor R., Bell P. R. F. & Thurston H. **491.P**, 7*P*, 1996

Belmonte C.

*Belmonte C.* Transduction in nociceptors: possible involvement of cyclic nucleotide-gated channels **491.P**, 13*S*, 1996

Beltrán J. *see* Alberola A., Revert F., Moya A., García J., Beltrán J., Sancho S. & Such L. **493.P**, 77*S*, 1996

Benchetrit G.

*Benchetrit G., Gentil M., Moldovanou I., Eberhard A., Pollak P., Vovk V., Couliart V. & Bachy J. P.* Behavioural *versus* voluntary apnoea **497.P**, 28*P*, 1996

Benedito S. *see* Martínez C., Novella S., Benedito S. & García-Sacristán A. **493.P**, 74*S*, 1996

*see* Martínez C., Novella S., García-Sacristán A., Raposo R. & Benedito S. **493.P**, 74*S*, 1996

Benke T.A. *see* Bresink I., Benke T. A., Collett V. J., Henley J. M. & Collingridge G. L. **493.P**, 53*P*, 1996

*Benke T. A., Bresink I. & Collingridge G. L.* Studies of dendritic and recombinant NMDA receptors **493.P**, 9*P*, 1996

Bennet L. *see Green L. R., McGarrigle H. H. G., Bennet L. & Hanson M. A.* **494.P**, 35*P*, 1996

Bennett K.L.

*Bennett K. L. & Orchard C. H.* Isoprenaline can increase the $Ca^{2+}$ content of the sarcoplasmic reticulum of isolated rat ventricular myocytes **497.P**, 47*P*, 1996

Bennie J. *see Fink G., Dow R. C., Sumner B. E. H., Rosie R., Grahame L. M., Bennie J. & Carroll S.* **495.P**, 117*P*, 1996

Benson R.S.P.

*Benson R. S. P. & Watson A. J. M.* A program for the automated analysis of acid–base transport **493.P**, 57*P*, 1996

Berciano M.T. *see Fernández R., Calle E., Lafarga M. & Berciano M. T.* **493.P**, 164*S*, 1996

Bergersen T.K.

*Bergersen T. K., Eriksen M. & Walløe L.* Effect of local cooling on finger artery blood velocities in man **494.P**, 97*P*, 1996

Berjón A. *see Pérez M., Berjón A., Barber A. & Ponz F.* **493.P**, 103*S*, 1996

*see Moreno M. J., Arenas J. C., Berjón A. & Fernández-Otero M. P.* **493.P**, 143*S*, 1996

Berrow N. *see Dolphin A. C., Fitzgerald E. G., Campbell V., Berrow N., Burley R. & Brickley K.* **493.P**, 26*S*, 1996

Berrow N. S. *see Brice N. L., Berrow N. S., Tedder I. J., Odunlami A. A., Brickley K. & Dolphin A. C.* **495.P**, 78*P*, 1996

*see Stephens G. J., Tedder I. J., Berrow N. S., Odunlami A. A. & Dolphin A. C.* **495.P**, 78*P*, 1996

Berthelier V. *see Simonneau M., Kahlem P. & Berthelier V.* **493.P**, 152*S*, 1996

Besedovsky H. *see De la Fuente M., del Rio M., Ferrandez M. D., Ortega E., Del Rey A. & Besedovsky H.* **493.P**, 51*S*, 1996

Best L.

*Best L., Sheader E. A., Miley H. & Brown P. D.* Swelling-induced activation of an outwardly rectifying anion conductance causes depolarization in isolated rat $\beta$-cells **495.P**, 82*P*, 1996

*see Sheader E. A., Miley H. E., Best L. & Brown P. D.* **495.P**, 82*P*, 1996

Bevan S. *see England S., Bevan S. & Docherty R. J.* **491.P**, 145*P*, 1996

*Bevan S. & Richards C. D.* Modulation of intracellular $Ca^{2+}$ and pH by acid solutions and capsaicin in acutely dissociated rat DRG neurones **494.P**, 76*P*, 1996

*see Storey N. M., Latchman D. S. & Bevan S.* **495.P**, 72*P*, 1996

Beveridge M.J. *see Bravo P., Marin J. J. G., Beveridge M. J. & Novak D. A.* **493.P**, 101*S*, 1996

Bewick G.S. *see Reid B. & Bewick G. S.* **495.P**, 59*P*, 1996

Bhandari R.N.B. *see Ogilvie J., Houghton A. K., Bhandari R. N. B. & Clarke R. W.* **491.P**, 112*P*, 1996

*Bhandari R. N. B., Carter T., Houghton A. K. & Clarke R. W.* Expression of Fos-like immunoreactivity in the spinal cord of decerebrated rabbits with and without spinal section **495.P**, 25*P*, 1996

Bharadwaj A.K.

*Bharadwaj A. K., Lee S.-J., Xia N., Twaddle J. L. T. & Nye P. C. G.* Interaction between hypoxia and $CO_2$ sensitivity of isolated small pulmonary arteries from the rat **495.P**, 172*P*, 1996

*see Lee S.-J., Bharadwaj A. K. & Nye P. C. G.* **497.P**, 84*P*, 1996

Bicknell R.J. *see Yuri K., Herbison A. E. & Bicknell R. J.* **494.P**, 144*P*, 1996

*see Redmond K., Douglas A. J., Bicknell R. J. & Russell J. A.* **495.P**, 13*P*, 1996

*see Brown C. H., O'Connor M. D., Bicknell R. J. & Russell J. A.* **495.P**, 118*P*, 1996

Bidon J.-C. *see Jondet A., Bidon J.-C., Blin M., Vu A. T. & Gogny M.* **491.P**, 43*P*, 1996

Billups B. *see Rossi D., Billups B. & Attwell D.* **491.P**, 147*P*, 1996

*Billups B., Sarantis M. & Attwell D.* Using glutamate-gated channels in isolated rat cerebellar Purkinje and granule cells to detect glutamate release from isolated salamander retinal glia **494.P**, 3*P*, 1996

*Billups B., Rossi D. & Attwell D.* Activation of the anion conductance present in the glutamate uptake carrier of isolated salamander retinal glia, with glutamate transport inhibited **494.P**, 85*P*, 1996

*see Kamm D., Spiridon M., Billups B. & Attwell D.* **495.P**, 45*P*, 1996

Bindman L.J. *see Vickery R. M., Morris S. H. & Bindman L. J.* **495.P**, 51*P*, 1996

*see Barry M. F., Vickery R. M. & Bindman L. J.* **495.P**, 52*P*, 1996

Binnie C.D. *see Alarcón G., García Seoane J. J., Juler J., Binnie C. D., Polkey C. E., Elwes R. D. C. & Blasco J. O.* **493.P**, 30*S*, 1996

Binns K.E.

*Binns K. E., Sauve Y. & Salt T. E.* Changes in the synaptic role of NMDA receptors during the maturation of visual responses in the superficial layers of the rat superior colliculus (SSC) during the week following eye opening **494.P**, 16*P*, 1996

*Binns K. E. & Salt T. E.* The effects of visual deprivation on visual responses and NMDA receptor-mediated synaptic transmission in the superficial superior colliculus of young anaesthetized rats **497.P**, 64*P*, 1996

Birdsey T.J. *see Tein M. S. C., Birdsey T. J., Garland H. O., Balment R. J., Boyd R. D. H. & Sibley C. P.* **493.P**, 85*P*, 1996

Birkett S. *see Suleiman M.-S., Wallace D., Birkett S. & Angelini G. D.* **491.P**, 44*P*, 1996

Bjorn H. *see Robertson A. P., Bjorn H., Sangster N. C. & Martin R. J.* **495.P**, 83*P*, 1996

Black C. *see Johnston A., Black C., Fraser J., Manson J., Hope J., Clarke A. & MacLeod N.* **495.P**, 15*P*, 1996

Blackshaw S.E.

*Blackshaw S. E., Cameron C. & Arkison S.* Nerve cord repair in 3-dimensional collagen gels **495.P**, 32*P*, 1996

Blakely T. *see Ferguson R. A., Brown M. D., Blakely T. & Fowler A.* **495.P**, 136*P*, 1996

Blakemore C. *see Freeman T. C. B., Sengpiel F. & Blakemore C.* **494.P**, 18*P*, 1996

Blanco C.E. *see van Golde J. C., Mulder T. L. & Blanco C. E.* **494.P**, 30*P*, 1996

*see van Golde J. C., Wolfs M. C., Rhijnsburger E. H., Borm P. J. & Blanco C. E.* **494.P**, 30*P*, 1996

Blanco M.D. *see Olmo R., Socorro J. M., García O., Trigo R. M. & Blanco M. D.* **493.P**, 140*S*, 1996

*Blanco M. D., Martín J. A., García O., Lozano M. & Teijón J. M.* Functional, conformational and thermodynamic aspects of lysozyme–LiCl interactions **493.P**, 141*S*, 1996

Blannin A.K.

*Blannin A. K., Gleeson M. & Brooks S.* Adaptations to 5 days of training are distinguishable from the effects of a single bout of prior exercise in man **491.P**, 77*P*, 1996

*Blannin A. K., Gleeson M., Brooks S. & Cave R.* Acute effect of exercise on human neutrophil degranulation **495.P**, 140*P*, 1996

Blasco J.O. *see Alarcón G., García Seoane J. J., Juler J., Binnie C. D., Polkey C. E., Elwes R. D. C. & Blasco J. O.* **493.P**, 30*S*, 1996

Blasco R. *see Marí E. A. B., Blasco R., Gomez-Terreros J. & Calvo R. M.* **493.P**, 134*S*, 1996

Bleakman D.

*Bleakman D., Schoepp D. D., Lodge D., Ornstein P. L., Bufton H., Sharpe E. F., Thomas K., Ballyk B. & Kamboj R.* Discrimination of GluR5 and GluR6 ionotropic glutamate receptor-mediated responses by LY293558 on single cells *in vitro* **493.P**, 51*P*, 1996

Bleasedale-Barr K. *see von der Thüsen J. H., Smith G. D. P., Bleasedale-Barr K. & Mathias C. J.* **495.P**, 129*P*, 1996

Bleazard L.

*Bleazard L. & Morris R.* Neurones in laminae III–IV (LIII–LIV) of the rat spinal cord that are depolarized by a neurokinin 1 ($NK_1$) receptor agonist, *in vitro*, have a similar morphology to those expressing $NK_1$ receptors **495.P**, 26*P*, 1996

Blin M. *see Jondet A., Bidon J.-C., Blin M., Vu A. T. & Gogny M.* **491.P**, 43*P*, 1996

Bliss T.V.P.

*Bliss T. V. P.* Pre- and postsynaptic mechanisms underlying expression of long-term potentiation in the hippocampus **495.P**, 2*S*, 1996

Blomstrand E.

*Blomstrand E., Rådegran G. & Saltin B.* Maximum rate of oxygen uptake by human muscle in relation to the activity of enzymes in the Krebs cycle **491.P**, 61*P*, 1996

Boden A.G.

*Boden A. G., Parkes M. J. & Harris M. C.* The apnoeic threshold for $CO_2$ in the urethane-anaesthetized rat **493.P**, 33*P*, 1996

*Boden A. G., Parkes M. J. & Harris M. C.* Lowering of the apnoeic threshold for $CO_2$ by body warming in the anaesthetized rat **497.P**, 27*P*, 1996

Bodis-Wollner I. *see Mari Z., Sagliocco L., Maccabee P. J., Cracco R. Q., Bodis-Wollner I. & Amassian V. E.* **495.P**, 131*P*, 1996

Boev K.K. *see* Petkov G. V., Duridanova D. B., Gagov H. S. & Boev K. K. **497.P**, 53*P*, 1996

Boissonade F.M. *see* Oakden E. L. & Boissonade F. M. **495.P**, 28*P*, 1996

Bolanos J.P. *see* Barker J. E., Heales S. J. R., Bolanos J. P., Land J. M. & Clark J. B. **491.P**, 34*P*, 1996

Bolea S.

Bolea S., de la Prida L. M. & Sánchez-Andrés J. V. $GABA_A$ sensitivity along early postnatal development in rabbit **493.P**, 30*S*, 1996

*see* de la Prida L. M., Bolea S. & Sánchez-Andrés J. V. **493.P**, 30*S*, 1996

Bolsover S. *see* Zimprich F. & Bolsover S. **494.P**, 9*P*, 1996

*see* Parkinson N. A., Mason W. & Bolsover S. **495.P**, 65*P*, 1996

Bolton T.B. *see* Zholos A. V. & Bolton T. B. **491.P**, 22*P*, 1996

*see* Tare M., Gordienko D. V., Parveen S., Fenech C., Robinson C. & Bolton T. B. **491.P**, 90*P*, 1996

*see* Zholos A. V. & Bolton T. B. **494.P**, 54*P*, 1996

Bond A. *see* Lodge D. & Bond A. **493.P**, 50*P*, 1996

Bond S.M. *see* McQueen D. S., Winkler H., Eder U., Timm M., Dashwood M. R. & Bond S. M. **495.P**, 20*P*, 1996

Bond T.D.

Bond T. D., Higgins C. F. & Valverde M. A. Expression of mouse *mdr1a* P-glycoprotein increases the rate of activation of swelling-activated chloride currents **493.P**, 73*P*, 1996

Bongenhielm U.

Bongenhielm U. & Robinson P. P. Spontaneous activity and mechanical sensitivity of myelinated inferior alveolar nerve fibres in ferrets after ligation, section and regeneration, or constriction **495.P**, 28*P*, 1996

Bonhoeffer T.

Bonhoeffer T. & Korte M. The involvement of brain-derived neurotrophic factor (BDNF) in hippocampal long-term potentiation **495.P**, 3*S*, 1996

Bonness V. *see* Becker D., Bonness V., Catsicas M. & Mobbs P. **494.P**, 11*P*, 1996

Bonness V., Catsicas M., Cunningham J., Hutson P., Murray F., Neal M. & Mobbs P. Depolarization-evoked transmitter release and agonist-evoked increases in $[Ca^{2+}]_i$ in the early development of the chick retina **494.P**, 79*P*, 1996

Booth P.A.C. *see* Rolfe V., Menon R. A., Booth P. A. C., Lindley K. J. & Milla P. J. **493.P**, 76*P*, 1996

Borm P.J. *see* van Golde J. C., Wolfs M. C., Rhijnsburger E. H., Borm P. J. & Blanco C. E. **494.P**, 30*P*, 1996

Boron W.F.

Boron W. F. & Singh S. K. Permeability properties of apical *vs.* basolateral barriers of gastric gland and colonic crypt epithelial cells **493.P**, 4*S*, 1996

Bosch-Morell F. *see* Weber S., Bosch-Morell F. & Romero F. J. **493.P**, 20*S*, 1996

Bosch-Morell F., Sanz A., Belda J., Díaz-Llopis M. & Romero F. J. Pathophysiology of retinal detachment: role of oxidative stress and myopia? **493.P**, 23*S*, 1996

*see* Martínez-Blasco A., Hermenegildo C., Bosch-Morell F. & Romero F. J. **493.P**, 104*S*, 1996

*see* Romero M. J., Rodrigo J. M., Serra M. A., Bosch-Morell F. & Romero F. J. **493.P**, 104*S*, 1996

*see* Ferri R., Bosch-Morell F., Romero M. J., García-Granero E. & Romero F. J. **493.P**, 105*S*, 1996

Bosser R. *see* Bachs O., Agell N., Bosser R., Castro A., Faura M., Jaumot M., Pancetti F., Pujol M. J. & Rius E. **493.P**, 158*S*, 1996

Bostock H. *see* Baker M. D. & Bostock H. **491.P**, 141*P*, 1996

Botchway A. *see* Flores N. A., Botchway A., Cohen H., Fry C. H. & Sheridan D. J. **497.P**, 55*P*, 1996

Boushel R.

Boushel R., Madsen P., Nielsen H. B., Quistorff B. & Secher N. H. pH or potassium for the reflex elevation of blood pressure during post-exercise muscle ischaemia **491.P**, 69*P*, 1996

Boushel R., Madsen P., Nielsen H. B. & Secher N. H. Muscle metaboreflex elevation of leg blood flow during dynamic knee extension exercise in humans **495.P**, 138*P*, 1996

Boutelle M.G.

Boutelle M. G. & Fillenz M. A combined probe to study the pharmacology of physiologically stimulated regional blood flow in the rat brain **491.P**, 29*P*, 1996

Bouyer P.

Bouyer P., Thomas S. R., Cougnon M., Edelman A., Anagnostopoulos T. & Planelles G. Intracellular intrinsic buffering power and $Na^+$-independent proton efflux in frog proximal tubule cells **493.P**, 99*P*, 1996

Bowman E.C.J. *see* Roderick G.-P., Bowman E. C. J. & Edwards A. V. **493.P**, 32*P*, 1996

Bowsher D.

Bowsher D. Functional differences in spinal and supraspinal portions of the spinothalamic pathway in man **495.P**, 18*P*, 1996

Boyd C.A.R. *see* Allman K. G., Stoddart A., Chen S., Boyd C. A. R. & Young J. D. **491.P**, 19*P*, 1996

*see* Chen S. & Boyd C. A. R. **491.P**, 173*P*, 1996

*see* Temple C. S., Bailey P. D., Bronk J. R. & Boyd C. A. R. **493.P**, 62*P*, 1996

*see* Meredith D., Temple C. S. & Boyd C. A. R. **493.P**, 65*P*, 1996

Boyd C. A. R., Bronk J. R., Lister N. & Bailey P. D. Stimulatory effect of glutamine on dip·ptide transport by the rat small intestine, *in vitro* and *in situ* **493.P**, 104*P*, 1996

Boyd C. A. R. The challenge of integration in the era of molecular biology: studies on epithelial transport **493.P**, 94*S*, 1996

Boyd C. A. R., Horder T. J., Kidd C., Rosenberg M. E., Tansey E. M., West J. B. & Whipp B. J. Oral history of The Physiological Society **494.P**, 28*P*, 1996

*see* Meredith D. & Boyd C. A. R. **497.P**, 89*P*, 1996

Boyd R.D.H. *see* Tein M. S. C., Birdsey T. J., Garland H. O., Balment R. J., Boyd R. D. H. & Sibley C. P. **493.P**, 85*P*, 1996

*see* Tein M. S. C., Breen S. A., Loveday B. E., Garland H. O., Balment R. J., Boyd R. D. H. & Sibley C. P. **497.P**, 126*P*, 1996

Boyett M.R. *see* Nikmaram M. R., Kodama I., Boyett M. R., Suzuki R. & Honjo H. **491.P**, 154*P*, 1996

*see* Honjo H., Boyett M. R. & Kodama I. **491.P**, 154*P*, 1996

*see* Janvier N. C. & Boyett M. R. **491.P**, 155*P*, 1996

*see* McMorn S. O., Harrison S. M. & Boyett M. R. **494.P**, 108*P*, 1996

*see* McMorn S. O., Janvier N. C. & Boyett M. R. **494.P**, 113*P*, 1996

*see* Zhang H., Boyett M. R. & Holden A. V. **497.P**, 8*P*, 1996

Boyett M. R., Kodama I., Suzuki R. & Honjo H. A 4-aminopyridine-sensitive current controls action potential duration in the rabbit sinoatrial node **497.P**, 44*P*, 1996

*see* Quinn C., Leach R., Owen J. M., Zang W. J., Hopkins P., Findlay J. B. C. & Boyett M. R. **497.P**, 46*P*, 1996

Boyett M. R. & Janvier N. C. A model of the action of ACh on the ventricular action potential incorporating activation of one $K^+$ current ($i_{K,ACh}$) and inhibition of another ($i_{K,1}$) **497.P**, 54*P*, 1996

Brackley P.T.H. *see* Mason R., Cutler D. J., Brackley P. T. H. & Rusak B. **495.P**, 48*P*, 1996

Bradbury M.W.B.

Bradbury M. W. B. Observations from the anaesthetized rabbit, pertinent to the mechanism of iron transport into brain **491.P**, 30*P*, 1996

*see* Egleton R. D., Abbott N. J. & Bradbury M. W. B. **491.P**, 34*P*, 1996

Bradke F. *see* Tabernero A., Stewart H. J. S., Bradke F., Jessen K. R. & Mirsky R. **493.P**, 162*S*, 1996

Bradley K.J.

Bradley K. J. & Headley P. M. Effects of agmatine on spinal nociceptive responses in anaesthetized rats **495.P**, 27*P*, 1996

Bragado J. *see* Delgado S., San Román J. I., Bragado J., López M. A. & Calvo J. J. **493.P**, 114*S*, 1996

Braks J.A.M. *see* Martens G. J. M., Braks J. A. M., van Horssen A. M., Broers C. A. M. & Kuiper R. P. **494.P**, 6*S*, 1996

Bramich N.J.

Bramich N. J. & Hirst G. D. S. Neural initiation of myogenic activity in rat anococcygeus muscle **497.P**, 15*P*, 1996

*see* Hirst G. D. S., Bramich N. J., Cousins H. M. & Edwards F. R. **497.P**, 2*S*, 1996

Brand K.

Brand K., Bauerle P. A., Walli A. K. & Neumeier D. The role of NF-κB in the pathogenesis of atherosclerosis **491.P**, 2*S*, 1996

Brandts B. *see* Bünemann M., Brandts B., Tigyi G., Liliom K. & Pott L. **495.P**, 169*P*, 1996

Bravo I.G.

Bravo I. G., Arévalo R., Crespo C., Porteros A., Briñón J. G., Aijón J. & Alonso J. R. NADPH-diaphorase activity in glial cells of non-fixed tissue **493.P**, 40*S*, 1996

*see* CRESPO C., PORTEROS A., ARÉVALO R., BRAVO I. G., OJEDA E., AIJÓN J. & ALONSO J. R. **493.P**, 40*S*, 1996
*see* PORTEROS A., CRESPO C., BRAVO I. G., BRIÑÓN J. G., ARÉVALO R., AIJÓN J. & ALONSO J. R. **493.P**, 40*S*, 1996

BRAVO P.
*BRAVO P., MARIN J. J. G., BEVERIDGE M. J. & NOVAK D. A.* Reconstitution and characterization of ATP-dependent bile acid transporter in human and rat placenta **493.P**, 101*S*, 1996
*see* SERRANO M. A., BRITES D., MONTE M. J., BRAVO P., POEIRAS J., OLIVEIRA N. & MARIN J. J. G. **493.P**, 101*S*, 1996
*BRAVO P., SERRANO M. A., GUTIERREZ M., VILLANUEVA G. R. & MARIN J. J. G.* Effect of cholephilic organic anions on ATP-dependent bile acid transport across the apical membrane of human term trophoblast **494.P**, 35*P*, 1996

BREATHNACH C.S.
*BREATHNACH C. S. & MOYNIHAN J. B.* Leon Fredericq's work on central respiratory control **494.P**, 27*P*, 1996

BREEN S. A. *see* TEIN M. S. C., BREEN S. A., LOVEDAY B. E., GARLAND H. O., BALMENT R. J., BOYD R. D. H. & SIBLEY C. P. **497.P**, 126*P*, 1996

BREGESTOVSKI P. *see* FILIPPOVA N., MEDINA I., BAKHRAMOV A. & BREGESTOVSKI P. **491.P**, 135*P*, 1996

BRESINK I.
*BRESINK I., BENKE T. A., COLLETT V. J., HENLEY J. M. & COLLINGRIDGE G. L.* Action of memantine on recombinant rat NMDA receptors expressed in HEK 293 cells **493.P**, 53*P*, 1996
*see* BENKE T. A., BRESINK I. & COLLINGRIDGE G. L. **493.P**, 9*P*, 1996

BRETTE F.
*BRETTE F., HONGO K., HAROON M. M. & WHITE E.* Rapid, negative inotropic effect of deuterium oxide in isolated ferret papillary muscles and single rat ventricular myocytes **491.P**, 157*P*, 1996

BREW H.M. *see* FORSYTHE I. D., BREW H. M., BARNES-DAVIES M., RUSZNÁK Z. & DOUGHTY J. M. **493.P**, 26*S*, 1996
*BREW H. M. & FORSYTHE I. D.* Neurones in two auditory nuclei in slices of rat brainstem exhibit distinct electrophysiological properties **495.P**, 57*P*, 1996

BRICE N.L.
*BRICE N. L., BERROW N. S., TEDDER I. J., ODUNLAMI A. A., BRICKLEY K. & DOLPHIN A. C.* Distribution of calcium channel subunits heterologously expressed in the COS-7 cell line **495.P**, 78*P*, 1996

BRICKLEY K. *see* DOLPHIN A. C., FITZGERALD E. G., CAMPBELL V., BERROW N., BURLEY R. & BRICKLEY K. **493.P**, 26*S*, 1996
*see* BRICE N. L., BERROW N. S., TEDDER I. J., ODUNLAMI A. A., BRICKLEY K. & DOLPHIN A. C. **495.P**, 78*P*, 1996
*see* WYATT C. N., BRICKLEY K. & DOLPHIN A. C. **495.P**, 79*P*, 1996

BRICKLEY S.G. *see* FARRANT M., BRICKLEY S.G. & CULL-CANDY S. G. **494.P**, 7*P*, 1996

BRIDGEWATER M. *see* SMITH A. B., BRIDGEWATER M. & CUNNANE T. C. **497.P**, 17*P*, 1996

BRIGHT N.A. *see* HUTTON J. C., CREEMERS J. W. M., BRIGHT N. A. & USAC E. F. **494.P**, 6*S*, 1996

BRINI M. *see* RUTTER G. A., BURNETT P., BRINI M., POZZAN T., TAVARÉ J. M., DENTON R. M. & RIZZUTO R. **493.P**, 16*P*, 1996

BRIÑÓN J.G. *see* BRAVO I. G., ARÉVALO R., CRESPO C., PORTEROS A., BRIÑÓN J. G., AIJÓN J. & ALONSO J. R. **493.P**, 40*S*, 1996
*see* PORTEROS A., CRESPO C., BRAVO I. G., BRIÑÓN J. G., ARÉVALO R., AIJÓN J. & ALONSO J. R. **493.P**, 40*S*, 1996

BRISTOW G.D.
*BRISTOW G. D. & JOHNS E. J.* The action of Angiotensin II blockade on renal nerve activity in anaesthetized rats **493.P**, 62*P*, 1996
*BRISTOW G. D., ZHANG T. & JOHNS E. J.* Angiotensin II (AII) receptor blockade and baroreceptor reflex control of renal nerve activity (RNA) and heart rate (HR) in anaesthetized rats **497.P**, 73*P*, 1996

BRITES D. *see* SERRANO M. A., BRITES D., MONTE M. J., BRAVO P., POEIRAS J., OLIVEIRA N. & MARIN J. J. G. **493.P**, 101*S*, 1996

BROADBENT K. *see* DIB R., GARNER A., MENSAH-BROWN E., BROADBENT K. & SIM A. J. W. **493.P**, 78*P*, 1996

BROERS C.A.M. *see* MARTENS G. J. M., BRAKS J. A. M., VAN HORSSEN A. M., BROERS C. A. M. & KUIPER R. P. **494.P**, 6*S*, 1996

BRONK J.R. *see* BOYD C. A. R., BRONK J. R., LISTER N. & BAILEY P. D. **493.P**, 104*P*, 1996
*see* TEMPLE C. S., BAILEY P. D., BRONK J. R. & BOYD C. A. R. **493.P**, 62*P*, 1996

BROOKS P.A. *see* ALBERT A. P., BROOKS P. A. & SPYER K. M. **497.P**, 15*P*, 1996

BROOKS S. *see* BLANNIN A. K., GLEESON M. & BROOKS S. **491.P**, 77*P*, 1996
*see* BLANNIN A. K., GLEESON M., BROOKS S. & CAVE R. **495.P**, 140*P*, 1996

BROUNS F. *see* LEIPER J. B., BROUNS F. & MAUGHAN R. J. **495.P**, 128*P*, 1996

BROWN A.E. *see* HASSONI A. A., BROWN A. E. & HARRIS J. B. **491.P**, 129*P*, 1996

BROWN A.G. *see* DJOUHRI L., BROWN A. G. & SHORT A. D. **495.P**, 21*P*, 1996
*BROWN A. G.* Cross-talk between ascending somatosensory systems **495.P**, 12*S*, 1996

BROWN A.M. *see* TURNER J. L., CHANG A. S., BROWN A. M. & KOZLOWSKI R. Z. **491.P**, 21*P*, 1996
*BROWN A. M. & SAYER R. J.* Using a spreadsheet to model voltage-gated ionic currents **493.P**, 57*P*, 1996
*BROWN A. M., HOPE A. G., PETERS J. A. & LAMBERT J. J.* Permeability and single channel conductance of a human recombinant 5-$HT_3$ receptor subunit stably expressed in HEK 293 cells **495.P**, 85*P*, 1996

BROWN C.D.A. *see* DUDLEY A. J. & BROWN C. D. A. **493.P**, 101*P*, 1996

BROWN C.H.
*BROWN C. H., O'CONNOR M. D., BICKNELL R. J. & RUSSELL J. A.* Study of the acute interactions of oestradiol-17$\beta$ with $\mu$-opioid receptors on morphine-dependent oxytocin neurones in urethane-anaesthetized rats **495.P**, 118*P*, 1996

BROWN C.M. *BROWN C. M., MTINANGI B. L. & HAINSWORTH R.* Non-invasive studies of changes in forearm vascular resistance during an orthostatic stress test using Doppler estimates of blood velocity **497.P**, 4*P*, 1996
*see* MTINANGI B. L., CROFT J. S., BROWN C. M. & HAINSWORTH R. **497.P**, 68*P*, 1996

BROWN D. *see* WINTER E. M. & BROWN D. **491.P**, 68*P*, 1996
*see* STEPHENS E. A., BROWN D., LENG G. & SMITH R. G. **495.P**, 7*P*, 1996
*see* RAE M., BROWN D. & LENG G. **495.P**, 9*P*, 1996

BROWN D.A. *see* FILIPPOV A. K. & BROWN D. A. **491.P**, 88*P*, 1996
*see* STANSFELD C. E., RÖPER J., LUDWIG J., WESELOH R. M., MARSH S. J., BROWN D. A. & PONGS O. **491.P**, 89*P*, 1996
*BROWN D. A., MARSH S. J., TROUSLARD J., LEANEY J., DUFFY S. M. & SELYANKO A. A.* Regulation of some membrane currents in rat sympathetic neurones by intracellular calcium **493.P**, 28*S*, 1996

BROWN D.R. *see* RANDALL D. C., BROWN D. R. & ARDELL J. L. **494.P**, 17*S*, 1996

BROWN E. *see* HEBERT S. C., BROWN E., RICCARDI D., HARRIS W., SANDS J. & WANG W. **493.P**, 5*S*, 1996

BROWN E.R.
*BROWN E. R., CHRACHRI A., INOUE I. & TSUTSUI I.* Dihydropyridine-sensitive charge movement in isolated crayfish (*Pacifasticus leniusculus*) neurons **491.P**, 106*P*, 1996
*BROWN E. R., INOUE I. & TSUTSUI I.* Voltage-activated ionic currents from isolated squid giant axon Schwann cells **495.P**, 34*P*, 1996
*see* ROGERS C. M. & BROWN E. R. **495.P**, 41*P*, 1996

BROWN H. *see* LEI M., BROWN H. & TERRAR D. **491.P**, 160*P*, 1996
*see* LEI M., BROWN H. & TERRAR D. **494.P**, 114*P*, 1996

BROWN H.F. *see* LEI M. & BROWN H. F. **495.P**, 166*P*, 1996

BROWN J.
*BROWN J. & CHEN Q.* The B-type of guanylate cyclase-coupled natriuretic peptide receptor (NPR-B) occurs in rabbit vascular media; responses to the C-type natriuretic peptides $CNP_{(1-22)}$ and $CNP_{(1-53)}$ **491.P**, 19*P*, 1996

BROWN J.K. *see* LIN J.-P., BROWN J. K. & WALSH E. G. **495.P**, 148*P*, 1996

BROWN L.A. *see* BULL P. M., BROWN L. A. & RUSSELL J. A. **495.P**, 113*P*, 1996

BROWN M.D. *see* ANDERSON S. I., HUDLICKA O. & BROWN M. D. **491.P**, 28*P*, 1996
*see* FERGUSON R. A., BROWN M. D., MIAN R. & GARNHAM A. **491.P**, 81*P*, 1996
*see* COLE M. A. & BROWN M. D. **495.P**, 135*P*, 1996
*see* FERGUSON R. A., BROWN M. D., BLAKELY T. & FOWLER A. **495.P**, 136*P*, 1996

BROWN N.J. *see* KALIA N., MORTON D., JACOB S., REED M. W. R., BARDHAN K. D. & BROWN N. J. **491.P**, 31*P*, 1996

BROWN P.
*BROWN P.* Direct recordings of eye acceleration in human saccades **491.P**, 119*P*, 1996
*BROWN P.* Muscle sound during human wrist movements **494.P**, 68*P*, 1996
*BROWN P.* Muscle sound during wrist movements in patients with Parkinson's disease **495.P**, 148*P*, 1996

BROWN P.D. *see* KIBBLE J. D. & BROWN P. D. **493.P**, 60*P*, 1996
*see* KAJITA H. & BROWN P. D. **493.P**, 86*P*, 1996
*see* KIBBLE J. D., GARNER C., COLLEDGE W. H., EVANS M. J. & BROWN P. D. **495.P**, 80*P*, 1996
*see* BEST L., SHEADER E. A., MILEY H. & BROWN P. D. **495.P**, 82*P*, 1996
*see* SHEADER E. A., MILEY H. E., BEST L. & BROWN P. D. **495.P**, 82*P*, 1996

BROWN R.G.

*BROWN R. G., ROTHWELL J. C., RIDDING M. C. & JAHANSHAHI M.* Random number generation: the effect of rapid-rate repetitive transcranial magnetic stimulation (rTMS) over dorsolateral prefrontal cortex (DLPFC) in man **491.P**, 120*P*, 1996

*see PLATZ T., BROWN R. G. & MARSDEN C. D.* **493.P**, 37*P*, 1996

*BROWN R. G., JAHANSHAHI M., LIMOUSIN P. & ROTHWELL J. C.* The impact of unilateral posteroventral pallidotomy on reaction time in patients with Parkinson's disease (PD) **494.P**, 66*P*, 1996

BROWN R.L. *see KARPEN J. W. & BROWN R. L.* **491.P**, 10*S*, 1996

BROWN S. *see CHILD R., BROWN S., DAY S., DONNELLY A., ROPER H. & SAXTON J.* **494.P**, 132*P*, 1996

BROWN S.J.

*BROWN S. J., CHILD R. B., DAY S. H. & DONNELLY A. E.* Effect of eccentric exercise on human skeletal muscle damage and indices of collagen breakdown **495.P**, 141*P*, 1996

*see DAY S. H., BROWN S. J., CHILD R. B. & DONNELLY A. E.* **495.P**, 141*P*, 1996

BROWNING K.N.

*BROWNING K. N., CUNNINGHAM S. M. C., TIMMERMANS J.-P. & LEES G. M.* Modulation of synaptic transmission in the myenteric plexus of the guinea-pig descending colon. A role for extrinsic neuropeptide Y (NPY)-containing fibres? **495.P**, 100*P*, 1996

BROWNLEE D.J.

*BROWNLEE D. J., HOLDEN-DYE L. & WALKER R. J.* The effects of the nematode peptides AF1 (KNEFIRFamide) and AF2 (KHEYLRFamide) on 5-HT-stimulated pharyngeal pumping in the parasitic nematode *Ascaris suum* **495.P**, 41*P*, 1996

BROWNLEE D.J.A. *see HOLDEN-DYE L., BROWNLEE D. J. A. & WALKER R. J.* **495.P**, 32*P*, 1996

BRUCE S.A. *see PHILLIPS S. K., LEVY D., YEO A., WOLEDGE R. C., BRUCE S. A., MARTIN F. C. & YOUNG A.* **494.P**, 134*P*, 1996

BRUCKDORFER K.R. *see NASEEM K. M. & BRUCKDORFER K. R.* **491.P**, 8*P*, 1996

*see CHIRICO S., JAY M. T., MANN G. E., PEARSON J. D., JACOBS M. & BRUCKDORFER K. R.* **491.P**, 33*P*, 1996

BRUCKDORFER R. *see JAY M. T., CHIRICO S., BRUCKDORFER R., JACOBS M., LEAKE D. S., PEARSON J. D. & MANN G. E.* **491.P**, 9*P*, 1996

BRUNSDEN A.

*BRUNSDEN A. & LEVIN R. J.* A dual mechanism mediates carbachol-activated $Cl^-$ secretion *in vitro* in distal colon from dietary deprived rats **491.P**, 174*P*, 1996

BRUSEGHINI L. *see VIÑA J., DE LA ASUNCIÓN J. G., MILLÁN A., BRUSEGHINI L., PALLARDÓ F. V. & SASTRE J.* **491.P**, 44*P*, 1996

BRYAN A.J. *see JEREMY J. Y., DASHWOOD M. R., TIMM M., IZZAT M. B., MEHTA D., BRYAN A. J. & ANGELINI G. D.* **491.P**, 17*P*, 1996

*see SULEIMAN M.-S., DIHMIS W. C., CAPUTO M., ANGELINI G. D., HUTTER J. A. & BRYAN A. J.* **491.P**, 160*P*, 1996

BRYAN J. *see SHYNG S.-L., CLEMENT J. IV, BRYAN J. & NICHOLS C. G.* **494.P**, 51*P*, 1996

BRYAN P.T.

*BRYAN P. T. & MARSHALL J. M.* The role of adenosine $A_1$ receptors in mediating hypoxia-induced vasodilatation in skeletal muscle of the anaesthetized rat **491.P**, 6*P*, 1996

*BRYAN P. T. & MARSHALL J. M.* The role of adenosine $A_{2a}$ receptors in vasodilatation induced in skeletal muscle of the rat by systemic hypoxia **494.P**, 106*P*, 1996

*BRYAN P. T. & MARSHALL J. M.* Possible mechanism underlying the vasodilatation induced in skeletal muscle of the rat by stimulation of adenosine $A_1$ receptors **497.P**, 79*P*, 1996

BRYANT S.M. *see MÉSZÁROS J., BRYANT S.M., RYDER K.O. & HART G.* **491.P**, 156*P*, 1996

BRYDGES R.L. *see MERCER E. A. J., BRYDGES R. L., MATHIE A., ABBOTT G. W. & SRAI S. K. S.* **491.P**, 102*P*, 1996

BUCALA R.

*BUCALA R.* Advanced glycosylation end products in diabetic and non-diabetic vascular disease **491.P**, 4*S*, 1996

BUCHANAN S.

*BUCHANAN S., ELLIOTT J. R. & HARPER A. A.* Differential effects of tetrodotoxin (TTX) and high external $K^+$ on A- and C-fibre compound action potential peaks in isolated frog sciatic nerve **495.P**, 67*P*, 1996

BUCK H. *see LAWSON S. N., CREPPS B., BUCK H. & PERL E. R.* **493.P**, 45*P*, 1996

BUCKINGHAM S.D. *see GROLLEAU F., LAPIED B., BUCKINGHAM S. D., MASON W. D. & SATTELLE D. B.* **491.P**, 107*P*, 1996

BUCKLER K.J. *see DASSO L. L. T., BUCKLER K. J. & VAUGHAN-JONES R. D.* **493.P**, 17*P*, 1996

BUCKLEY P. *see DEBNAM E. S., GRIMBLE G. K., DENHOLM E. E. & BUCKLEY P.* **494.P**, 124*P*, 1996

BUCOSSI G.

*BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V.* The single channel conductance of the cyclic GMP-gated channel from vertebrate rods **491.P**, 146*P*, 1996

*BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V.* The cGMP-gated channel from vertebrate rods: permeation and gating **491.P**, 9*S*, 1996

BUFTON H. *see BLEAKMAN D., SCHOEPP D. D., LODGE D., ORNSTEIN P. L., BUFTON H., SHARPE E. F., THOMAS K., BALLYK B. & KAMBOJ R.* **493.P**, 51*P*, 1996

BUFTON H.R. *see BEAUMONT V. L., BUFTON H. R. & KILPATRICK I. C.* **493.P**, 52*P*, 1996

BUHL E.H. *see COBB S. R., HALASY K., VIDA I., BUHL E. H. & SOMOGYI P.* **495.P**, 62*P*, 1996

BULLING D.G.S.

*BULLING D. G. S., MCQUEEN D. S. & SECKL J. R.* Early induction of neuropeptide mRNAs in dorsal root ganglia during the development of adjuvant arthritis **495.P**, 24*P*, 1996

BULL P. *see OPSTAD K., BULL P., LENG G., MELIN P. & RUSSELL J. A.* **495.P**, 14*P*, 1996

BULL P.M.

*BULL P. M., BROWN L. A. & RUSSELL J. A.* Ovarian hormones and reduced osmoresponsiveness of oxytocin neurones in urethane-anaesthetized pregnant rats **495.P**, 113*P*, 1996

BÜNEMANN M.

*BÜNEMANN M., BRANDTS B., TIGYI G., LILIOM K. & POTT L.* Characterization of a novel sphingolipid receptor in isolated guinea-pig atrial myocytes **495.P**, 169*P*, 1996

BUÑO W.

*BUÑO W.* Pacemaker activity and synaptic modulation in muscle receptor organs: possible role in motor control **493.P**, 10*S*, 1996

BURDYGA TH.V.

*BURDYGA TH. V. & WRAY S.* The effects of intracellular pH ($pH_i$) on force and $Na^+$–$Ca^{2+}$ exchange in $Na^+$-loaded guinea-pig ureter **495.P**, 173*P*, 1996

BURGESS G.M. *see SMITH J. A. M. & BURGESS G. M.* **491.P**, 145*P*, 1996

BURKE E.P.

*BURKE E. P. & SMITH T. K.* Actions of ethanol on longitudinal muscle motor neurons and sensory neurons in the myenteric plexus of isolated guinea-pig ileum **495.P**, 55*P*, 1996

BURKE M.D. *see PAGE K. R., BUSH P. G., MAYHEW T. M., ABRAMOVICH D. R., AGGETT P. J. & BURKE M. D.* **494.P**, 39*P*, 1996

BURLEY R. *see DOLPHIN A. C., FITZGERALD E. G., CAMPBELL V., BERROW N., BURLEY R. & BRICKLEY K.* **493.P**, 26*S*, 1996

BURNETT P. *see RUTTER G. A., BURNETT P., BRINI M., POZZAN T., TAVARÉ J. M., DENTON R. M. & RIZZUTO R.* **493.P**, 16*P*, 1996

BURN-MURDOCH R.

*BURN-MURDOCH R.* Changes with time in eruption rates and intraoral lengths of rats' incisor teeth **491.P**, 27*P*, 1996

*BURN-MURDOCH R.* The relationship between the effectiveness of wear at slowing the eruption of rats' incisor teeth and the intraoral length of the teeth is not linear **494.P**, 36*P*, 1996

BURNS A.J. *see WARD S. M., BAYGUINOV J., STRATTON C. J., BURNS A. J. & SANDERS K. M.* **495.P**, 94*P*, 1996

BURNSTOCK G. *see MCMILLAN M. R., BURNSTOCK G. & HAWORTH S. G.* **491.P**, 42*P*, 1996

*see PINTOR J., KING B. F., WANG S., ZIGANSHIN A. U., ZIGANSHINA L. E., MIRAS-PORTUGAL M. T. & BURNSTOCK G.* **493.P**, 153*S*, 1996

*see KING B. F., ZIGANSHINA L. E., PINTOR J., WILDMAN S. S. & BURNSTOCK G.* **494.P**, 77*P*, 1996

*see RALEVIC V., THOMAS T., BURNSTOCK G. & SPYER K. M.* **497.P**, 74*P*, 1996

BUSH B.M.H. *see XIA R.-P. & BUSH B. M. H.* **491.P**, 84*P*, 1996

*BUSH B. M. H., DAW C. & SITHERS A. J.* Phase-dependent H-reflex during self-paced stepping by students: a simple class experiment **493.P**, 8*P*, 1996

*see XIA R.-P. & BUSH B. M. H.* **493.P**, 8*P*, 1996

*see XIA R.-P. & BUSH B. M. H.* **497.P**, 108*P*, 1996

BUSH P.G. *see PAGE K. R., BUSH P. G., MAYHEW T. M., ABRAMOVICH D. R., AGGETT P. J. & BURKE M. D.* **494.P**, 39*P*, 1996

BUSHELL T.

*BUSHELL T. & COLLINGRIDGE G. L.* Investigation into the involvement of metabotropic glutamate receptors in the 'quisqualate-priming' effect in the CA1 region of the rat hippocampus *in vitro* **493.P**, 48*P*, 1996

BUSSEMAKER J. *see VAN BEEK J. H. G. M., BUSSEMAKER J. & WESTERHOF N.* **491.P**, 158*P*, 1996

BUSSO T.

*BUSSO T. & ROBBINS P. A.* A model evaluation of estimates of breath-to-breath gas exchange at the pulmonary capillaries **497.P**, 28*P*, 1996

BUTCHER J.W.

*BUTCHER J. W. & PATON J. F. R.* Attenuation of the pulmonary chemoreflex by blocking voltage-dependent potassium currents in the nucleus of the solitary tract in anaesthetized rats **497.P**, 75*P*, 1996

BUTT A.G. *see WINTER D. C., CUFFE J., O'SULLIVAN G. C., BUTT A. G. & HARVEY B. J.* **493.P**, 67*P*, 1996

BUTT A.M. *see HOWD A. G., KIRVELL S. L. & BUTT A. M.* **494.P**, 89*P*, 1996

BUTTERFIELD I.

*BUTTERFIELD I. & SANDLE G. I.* Intracellular alkalinization promotes apical $K^+$ channel activity in rat distal colon: role of $Na^+$–$H^+$ exchange **495.P**, 96*P*, 1996

BUXTON N.

*BUXTON N., OVEREND C. L., MILL J. G., COOK L. J., COOK S. J., O'NEILL S. C. & EISNER D. A.* The effects of tetracaine on spontaneous $Ca^{2+}$ oscillations in rat isolated ventricular myocytes **495.P**, 86*P*, 1996

BYRNE N. *see PATEL M., ECONOMIDES A. & BYRNE N.* **497.P**, 77*P*, 1996

BYRNE N.G. *see CLARK G. S., ECONOMIDES A. P. & BYRNE N. G.* **497.P**, 45*P*, 1996

BYSTRY R.S.

*BYSTRY R. S., FOX R. M. & ATTERWILL C. K.* Development of a novel three-dimensional *in vitro* blood–brain barrier model **491.P**, 43*P*, 1996

CABEZAS J.A. *see SÁNCHEZ-MARTÍN M.-M., MIRALLES J.-M. & CABEZAS J. A.* **493.P**, 60*S*, 1996

CABRERA M.M.

*CABRERA M. M. & MORA O. A.* Male-induced release of hypothalamic GnRH in young oestrogen-primed persistent oestrus female rats **493.P**, 130*S*, 1996

*CABRERA M. M. & MORA O. A.* Role of vomeronasal organ in the pheromonal restoration of cyclic activity (PRCA) in young oestrogen-primed persistent oestrus female rats **493.P**, 130*S*, 1996

CACABELOS R.

*CACABELOS R.* Senile cognitive decline: characterization of genotypic–phenotypic correlations in Alzheimer's disease **493.P**, 56*S*, 1996

CACHOFEIRO V. *see LAHERA V., NAVARRO-CID J. & CACHOFEIRO V.* **493.P**, 65*S*, 1996

*see NAVARRO J., MUÑOZ R., MAESO R., RODRIGO E., CACHOFEIRO V., RUILOPE L. M. & LAHERA V.* **493.P**, 70*S*, 1996

*see CAMPIÓN J., LAHERA V., CACHOFEIRO V. & CALLE C.* **493.P**, 122*S*, 1996

CADDEN S.W. *see LOUCA C., VIDGEON S., LINDEN R. W. A. & CADDEN S. W.* **491.P**, 115*P*, 1996

CADENAS S. *see ROJAS C., CADENAS S., PÉREZ-CAMPO R., LÓPEZ-TORRES M. & BARJA G.* **493.P**, 136*S*, 1996

*see ROJAS C., CADENAS S., PÉREZ-CAMPO R., LÓPEZ-TORRES M. & BARJA G.* **493.P**, 136*S*, 1996

CAHUSAC P.M.B. *see DOLAN S. & CAHUSAC P. M. B.* **493.P**, 41*P*, 1996

CAINE M.P.

*CAINE M. P. & MCCONNELL A. K.* Does senescent kyphosis influence lung function in humans? **491.P**, 68*P*, 1996

*see SHARPE G. R., MCCONNELL A. K. & CAINE M. P.* **491.P**, 69*P*, 1996

*CAINE M. P. & MCCONNELL A. K.* Oxygen plateau interval at $V_{O_2,max}$: an index of anaerobic tolerance in humans? **495.P**, 139*P*, 1996

*see SHARPE G. R., HAMER M., CAINE M. P. & MCCONNELL A. K.* **495.P**, 139*P*, 1996

CALAGHAN S.C.

*CALAGHAN S. C., WHITE E. & COLYER J.* Quantitative analysis of the phosphorylation of phospholamban in isolated ferret papillary muscle **497.P**, 3*P*, 1996

CALBET J.A. *see ROACH R. C., CALBET J. A., OLSEN N. V., POULSEN T. D., VISSING S. F. & SALTIN B.* **491.P**, 60*P*, 1996

CALBET J.A.L.

*CALBET J. A. L. & MACLEAN D.* Rate of gastric emptying and plasma insulin response to peptide hydrolysate solutions in humans **491.P**, 67*P*, 1996

*see KOSKOLOU M. D., ROACH R. C., CALBET J. A. L. & SALTIN B.* **495.P**, 137*P*, 1996

CALLAHAN M.F. *see LUDWIG M., WILLIAMS K., CALLAHAN M. F. & MORRIS M.* **494.P**, 141*P*, 1996

CALLE C. *see CAMPIÓN J., DE MIGUEL R., CARRANZA M. C. & CALLE C.* **493.P**, 122*S*, 1996

*see CAMPIÓN J., LAHERA V., CACHOFEIRO V. & CALLE C.* **493.P**, 122*S*, 1996

CALLE E. *see FERNÁNDEZ R., CALLE E., LAFARGA M. & BERCIANO M. T.* **493.P**, 164*S*, 1996

CALONGE M.L.

*CALONGE M. L., DE LA HORRA C. & ILUNDIN A. A.* Ouabain-sensitive, $K^+$-activated ATPase activity in the apical membrane of chicken colon and cecum **493.P**, 102*S*, 1996

*see DE LA HORRA C., CALONGE M. L., GRIBBLE S. M., WOOD I. S., ILUNDIN A. A. & SHIRAZI-BEECHEY S. P.* **493.P**, 102*S*, 1996

CALVO J.J. *CALVO J. J.* Neurohormonal control of the exocrine pancreatic secretion: role of intraduodenal stimulants **493.P**, 96*S*, 1996

*see SAN ROMÁN J. I., GARCÍA-BENITO M., HERNÁNDEZ-GUIJO J. M., ACOSTA J. J., LÓPEZ M. A. & CALVO J. J.* **493.P**, 100*S*, 1996

*see DELGADO S., SAN ROMÁN J. I., BRAGADO J., LÓPEZ M. A. & CALVO J. J.* **493.P**, 114*S*, 1996

*see RODRÍGUEZ-LÓPEZ A. M., DE DIOS I., LÓPEZ M. A. & CALVO J. J.* **493.P**, 114*S*, 1996

*see DÍEZ-LOZANO J. R., SAN ROMÁN J. I., ESQUERRO E., CALVO J. J. & LÓPEZ M. A.* **493.P**, 115*S*, 1996

*see GARCÍA-MORENO C., SAN ROMÁN J. I., MARTÍN M., GARCÍA-TALAVERA J. R., CALVO J. J. & DEL PINO J.* **493.P**, 137*S*, 1996

*see GARCÍA-MORENO C., SAN ROMÁN J. I., MARTÍN M., GARCÍA-TALAVERA J. R., CALVO J. J. & DEL PINO J.* **493.P**, 138*S*, 1996

CALVO R.M. *see GRANDE M. C. R., MARÍ E. A. B. & CALVO R. M.* **493.P**, 134*S*, 1996

*see GRANDE M. C. R., MARÍ E. A. B. & CALVO R. M.* **493.P**, 134*S*, 1996

*see MARÍ E. A. B., BLASCO R., GOMEZ-TERREROS J. & CALVO R. M.* **493.P**, 134*S*, 1996

CAMELLO C. *see PARIENTE J. A., CAMELLO C., GONZÁLEZ A., CAMELLO P. J. & SALIDO G. M.* **493.P**, 154*S*, 1996

CAMELLO P.J. *see GONZÁLEZ A., SALIDO G. M., PARIENTE J. A. & CAMELLO P. J.* **493.P**, 152*S*, 1996

*see PARIENTE J. A., CAMELLO C., GONZÁLEZ A., CAMELLO P. J. & SALIDO G. M.* **493.P**, 154*S*, 1996

CAMERON C. *see BLACKSHAW S. E., CAMERON C. & ARKISON S.* **495.P**, 32*P*, 1996

CAMERON N.E.

*CAMERON N. E. & COTTER M. A.* Effects of chronic ascorbyl-γ-linolenic acid treatment on sciatic nerve blood flow and conduction in anaesthetized diabetic rats **491.P**, 16*P*, 1996

*see COTTER M. A. & CAMERON N. E.* **491.P**, 16*P*, 1996

CAMODECA N.

*CAMODECA N. & JACOB T. J. C.* Membrane potential changes in isolated bovine pigmented ciliary epithelial cells in response to hypotonic shock **493.P**, 86*P*, 1996

CAMPBELL I.T. *see MACLAREN D. P. M., REILLY T., CAMPBELL I. T. & FOSTER S.* **495.P**, 132*P*, 1996

CAMPBELL J.A.

*CAMPBELL J. A.* Computer simulation of compound action potentials **495.P**, 22*P*, 1996

CAMPBELL K.S.

*CAMPBELL K. S. & LAKIE M.* Can the short range elastic component and thixotropy both be due to cross-bridge activity in relaxed muscle? **491.P**, 130*P*, 1996

*see LAKIE M., JUPP N., CAMPBELL K. S. & COMBES N.* **495.P**, 130*P*, 1996

*CAMPBELL K. S. & LAKIE M.* Sarcomere length measurement of thixotropic tension responses in relaxed amphibian muscle **495.P**, 162*P*, 1996

CAMPBELL M.M.

*CAMPBELL M. M., MCCROHAN C. R., WHITE K. N. & POWELL J. J.* Effect of aluminium lactate on electrical activity in an identified neuron of *Lymnaea stagnalis*, *in vitro* **495.P**, 34*P*, 1996

CAMPBELL V. *see DOLPHIN A. C., FITZGERALD E. G., CAMPBELL V., BERROW N., BURLEY R. & BRICKLEY K.* **493.P**, 26*S*, 1996

CAMPILLO J.E. *see TORRES M. D., CANAL J. R., DOMÍNGUEZ E., CAMPILLO J. E., ROMERO A. & PÉREZ C.* **493.P**, 15*S*, 1996

*see MENA P., GÓMEZ M. M. G., MAYNAR M. & CAMPILLO J. E.* **493.P**, 106*S*, 1996

*see TORMO M. A., ROPERO M. F., MARTINEZ I. M., NIETO M. & CAMPILLO J. E.* **493.P**, 123*S*, 1996

*CAMPILLO J. E., ROPERO M. F., MARTINEZ I. M., NIETO M. & TORMO M. A.* Mechanisms of the beneficial effect of peas in the treatment of diabetes **493.P**, 133*S*, 1996

*see* CANAL J. R., DOMÍNGUEZ E., TORRES M. D., CAMPILLO J. E., ROMERO A. & PÉREZ C. **493.P**, 136*S*, 1996

CAMPIÓN J.

CAMPIÓN J., DE MIGUEL R., CARRANZA M. C. & CALLE C. Hepatic metabolic effects of an *in vivo* chronic treatment with adrenaline **493.P**, 122*S*, 1996

CAMPIÓN J., LAHERA V., CACHOFEIRO V. & CALLE C. *In vivo* mineralocorticoid modulation of rat liver **493.P**, 122*S*, 1996

CAMPOS H. *see* MATHISON Y., ACUÑA Y., CAMPOS H. & ISRAEL A. **493.P**, 83*S*, 1996

CAMPOS M.S. *see* GÓMEZ-AYALA A. E., LISBONA F., HARTITI S., LÓPEZ-ALIAGA I., PALLARÉS I., RODRIGUEZ MATAS M. C. & CAMPOS M. S. **493.P**, 110*S*, 1996

*see* LISBONA F., LAMENCA B., LÓPEZ-ALIAGA I., PALLARÉS I., GÓMEZ-AYALA H. E., HARTITI S., RODRIGUEZ MATAS M. C. & CAMPOS M. S. **493.P**, 110*S*, 1996

CANAL J.R.

*see* TORRES M. D., CANAL J. R., DOMÍNGUEZ E., CAMPILLO J. E., ROMERO A. & PÉREZ C. **493.P**, 15*S*, 1996

CANAL J. R., DOMÍNGUEZ E., TORRES M. D., CAMPILLO J. E., ROMERO A. & PÉREZ C. Chronic triglyceride-rich diet provokes hypercholesterolaemia **493.P**, 136*S*, 1996

CANDY E.

CANDY E., MCCONNELL G. & SHORT A. CLIVE: computer-assisted learning in veterinary education **495.P**, 7*P*, 1996

CANNELL M.B. *see* MAIN M. J. & CANNELL M. B. **497.P**, 127*P*, 1996

CANNON T.R.

CANNON T. R., MANN G. E. & BAYDOUN A. R. Dexamethasone inhibits bacterial lipopolysaccharide-induced vasodilatation in the rat isolated perfused heart by an action at the glucocorticoid receptor **491.P**, 20*P*, 1996

CAO C.Q.

CAO C. Q., TSE H.-W., EVANS R. H., HEADLEY P. M. & JANE D. E. Depression of EPSCs of rat spinal motoneurones *in vitro* by the metabotropic glutamate receptor agonist (2*S*,1′*S*,2′*S*)-2-(carboxycyclopropyl)glycine (LCCG-I) **493.P**, 51*P*, 1996

CAPASSO G. *see* UNWIN R. J., SHIRLEY D. G., WALTER S. J., CAPASSO G. & GIEBISCH G. **493.P**, 96*P*, 1996

CAPIOD T. *see* GUIHARD G., COMBETTES L. & CAPIOD T. **493.P**, 76*P*, 1996

CAPIOD T., OGDEN D. & TOROK K. Intracellular activation of a fluorescent calmodulin by $Ca^{2+}$ ions in guinea-pig hepatocytes **494.P**, 134*P*, 1996

CAPNER C.A.

CAPNER C. A., CHIZH B. A. & HEADLEY P. M. On the different actions of claimed $\alpha_2$-adrenoceptor agonists on nociceptive transmission in the spinal cord of the anaesthetized rat **495.P**, 19*P*, 1996

CAPPELLIN E. *see* DE PALO C. B., SPINELLA P., GATTI R., CAPPELLIN E. & DE PALO E. F. **491.P**, 66*P*, 1996

*see* SPINELLA P., DE PALO C. B., CAPPELLIN E., GATTI R. & DE PALO E. F. **491.P**, 82*P*, 1996

CAPUTO M. *see* SULEIMAN M.-S., DIHMIS W. C., CAPUTO M., ANGELINI G. D., HUTTER J. A. & BRYAN A. J. **491.P**, 160*P*, 1996

CARBONELL L.F. *see* INGLÉS A. C., HERNÁNDEZ I., PÉREZ M. C., QUESADA T. & CARBONELL L. F. **493.P**, 70*S*, 1996

CARDINALI D.P. *see* ARCE A., SELGAS L., GARCIA-BONACHO M., CASTRILLÓN P. O., DELLA MAGGIORE V., CARDINALI D. P. & ESQUIFINO A. I. **493.P**, 49*S*, 1996

CARE A.D.

CARE A. D., ABBAS S. K., JONES G. V., ROBINSON J. & WOODING F. B. P. Studies of the calcium ion concentration in ovine uterine secretions **494.P**, 30*P*, 1996

CAREW M.A.

CAREW M. A. & THORN P. An inwardly rectifying chloride current sensitive to extracellular osmolality is present in pig pancreatic acinar cells **491.P**, 173*P*, 1996

CARIC D. *see* CLAUSEN J. A., CARIC D., PRATT T. & PRICE D. J. **495.P**, 154*P*, 1996

CARO C.G.

CARO C. G., DOORLY D. J., TARNAWSKI M., MCLEAN M., WADSWORTH J. & DUMOULIN C. L. Effect of spatial variation of early systolic acceleration and accuracy of determination of late diastolic velocity on local arterial wavespeed measured by MRI in smokers and non-smokers **497.P**, 69*P*, 1996

CAROL M.

CAROL M., RODRÍGUEZ-PALMERO M., PELEGRÍ C., FERRI M. J., FRANCH A., GARCÍA-VALERO J., CASTELLOTE C. & CASTELL M. Reference values of immune cells in rat lymph nodes and spleen **493.P**, 109*S*, 1996

CAROPPO R.

CAROPPO R., DEBELLIS L., ALPER S., FRÖMTER E. & CURCI S. On the presence of an apical $Cl^-/HCO_3^-$ exchanger in surface epithelial cells of frog stomach **493.P**, 77*P*, 1996

CARPENTER E.

CARPENTER E., HATTON C. J., PEPPER D. R., KUMAR P. & PEERS C. Developmental changes in isolated rat type I carotid body cell $K^+$ currents and their responses to hypoxia **497.P**, 26*P*, 1996

CARRANZA M.C. *see* CAMPIÓN J., DE MIGUEL R., CARRANZA M. C. & CALLE C. **493.P**, 122*S*, 1996

CARRASCO M.

CARRASCO M., VALLO J. J. & PORTILLO F. Hypothalamic neurons projecting to autonomic preganglionic levels **493.P**, 53*S*, 1996

CARRASCO M.P. *see* PHANEUF S., CARRASCO M. P., ASBÓTH G., EUROPE-FINNER G. N., HAMILTON C. H. & LÓPEZ BERNAL A. **491.P**, 169*P*, 1996

CARRASCO M.P., PHANEUF S., ASBÓTH G. & LÓPEZ BERNAL A. Fluprostenol activates phospholipase C and $Ca^{2+}$ mobilization in human myometrial cells **491.P**, 170*P*, 1996

CARRERA A.C. *see* GONZALO J. A., VON KOBBE C., MELLADO M., FRADE J. M. R., KREMER L., MAZUCHELLI R., CARRERA A. C., MERIDA I. & MARTINEZ-A C. **493.P**, 44*S*, 1996

CARRERA E. *see* TORRES C., CARRERA E. & DE LA CRUZ M. J. **493.P**, 60*S*, 1996

CARRERAS O. *see* FERNÁNDEZ O., TAVARES E., MURILLO M. L. & CARRERAS O. **493.P**, 111*S*, 1996

*see* TAVARES E., GOMEZ-TUBIO A., MURILLO M. L. & CARRERAS O. **493.P**, 137*S*, 1996

CARRERO-LÓPEZ V. *see* GÓMEZ-ANSÓN B., CARRERO-LÓPEZ V. & DÍAZ-GONZÁLEZ R. **493.P**, 72*S*, 1996

CARRINGTON C.A. *see* WHITE M. J., CARRINGTON C. A. & OAKES M. **491.P**, 78*P*, 1996

CARRIÓN A.M. *see* TAYLOR J. S., CARRIÓN A. M., MELLSTRÖM B. & NARANJO J. R. **491.P**, 17*S*, 1996

CARRIÓN N. *see* RAMÍREZ P., MATEOS J. C., CARRIÓN N., BELLIDO J. & SERRA R. **493.P**, 32*S*, 1996

CARRO E.

CARRO E., MALLO F. & DIEGUEZ C. Role of non-androgenic testicular factors on GH secretion in freely moving rats **493.P**, 121*S*, 1996

CARROLL S. *see* FINK G., DOW R. C., SUMNER B. E. H., ROSIE R., GRAHAME L. M., BENNIE J. & CARROLL S. **495.P**, 117*P*, 1996

CARTER A.M.

CARTER A. M., CHALLIS J. R. G., KOREBRITS C. & SVENDSEN P. Fetal adrenal cortical blood flow in premature labour evoked in sheep by pulsatile infusion of adrenocorticotrophic hormone (ACTH) **494.P**, 34*P*, 1996

CARTER T. *see* BHANDARI R. N. B., CARTER T., HOUGHTON A. K. & CLARKE R. W. **495.P**, 25*P*, 1996

CARTIER E. *see* ANGELO S., IRARRÁZABAL C., CARTIER E. & DEVÉS R. **493.P**, 115*S*, 1996

CASADEI B. *see* EL-OMAR M., KULANGARA S. & CASADEI B. **497.P**, 14*P*, 1996

*see* KARDOS A. & CASADEI B. **497.P**, 14*P*, 1996

CASADO J. *see* PASTOR-ANGLADA M., CASADO J., FELIPE A., DEL SANTO B. & TARAFA G. **493.P**, 159*S*, 1996

CASE R.M.

CASE R. M., ISHIGURO H., LINDSAY A. R. G. & STEWARD M. C. Bicarbonate secretion by pancreatic ducts **493.P**, 94*S*, 1996

*see* ISHIGURO H., STEWARD M. C. & CASE R. M. **493.P**, 105, 1996

CASES O. *see* PRICE D. J., LOTTO R. B., PEACOCK S. D., CLAUSEN J. A., CASES O. & WARREN N. **495.P**, 7*S*, 1996

CASSAR M.

CASSAR M., JONES M., HUGHES S. & SZATKOWSKI M. Enhanced sensitivity to adenosine in chronic hyperglycaemia increases the rate of anoxia/aglycaemia-induced synaptic inhibition in the rat hippocampus *in vitro* **495.P**, 54*P*, 1996

CASTEJÓN F.M. *see* MUÑOZ A., SANTISTEBAN R., RUBIO M. D., AGÜERA E. I., ESCRIBANO B. M. & CASTEJÓN F. M. **493.P**, 16*S*, 1996

*see* MUÑOZ A., CASTEJÓN F. M., TOVAR P., VIVO R., ESCRIBANO B. M. & SANTISTEBAN R. **493.P**, 17*S*, 1996

*see* RUBIO M. D., ESCRIBANO B. M., TOVAR P., AGÜERA E. I., MUÑOZ A. & CASTEJÓN F. M. **493.P**, 141*S*, 1996

*see* AGÜERA E. I., RUBIO M. D., VIVO R., AGÜERA S., ESCRIBANO B. M., MUÑOZ A. & CASTEJON F. M. **493.P**, 142*S*, 1996

CASTELL L.M.

*CASTELL L. M. & NEWSHOLME E. A.* The influence of glutamine supplementation after prolonged, exhaustive exercise upon the numbers and function of some cells of the immune system **495.P**, 140*P*, 1996

CASTELL M. *see CAROL M., RODRÍGUEZ-PALMERO M., PELEGRÍ C., FERRI M. J., FRANCH A., GARCÍA-VALERO J., CASTELLOTE C. & CASTELL M.* **493.P**, 109*S*, 1996

*see PELEGRÍ C., RODRÍGUEZ-PALMERO M., MORANTE M. P., COMAS J., CASTELL M. & FRANCH A.* **493.P**, 109*S*, 1996

CASTELLOTE C. *see CAROL M., RODRÍGUEZ-PALMERO M., PELEGRÍ C., FERRI M. J., FRANCH A., GARCÍA-VALERO J., CASTELLOTE C. & CASTELL M.* **493.P**, 109*S*, 1996

CASTRILLÓN P.O.

*CASTRILLÓN P. O., GARCÍA-BONACHO M., SELGAS L., ESQUIFINO A. I. & ARCE A.* Age-dependent effects of prolactin on splenocyte proliferation *in vitro* **493.P**, 48*S*, 1996

*see SELGAS L., ARCE A., GARCÍA-BONACHO M., CASTRILLON P. O. & ESQUIFINO A. I.* **493.P**, 48*S*, 1996

*see ARCE A., CASTRILLÓN P. O., SELGAS L., GARCIA-BONACHO M. & ESQUIFINO A. I.* **493.P**, 49*S*, 1996

*see ARCE A., SELGAS L., GARCIA-BONACHO M., CASTRILLÓN P. O., DELLA MAGGIORE V., CARDINALI D. P. & ESQUIFINO A. I.* **493.P**, 49*S*, 1996

*see GARCÍA-BONACHO M., CASTRILLÓN P. O., ARCE A., SELGAS L. & ESQUIFINO A. I.* **493.P**, 52*S*, 1996

CASTRO A. *see BACHS O., AGELL N., BOSSER R., CASTRO A., FAURA M., JAUMOT M., PANCETTI F., PUJOL M. J. & RIUS E.* **493.P**, 158*S*, 1996

CATSICAS M. *see BECKER D., BONNESS V., CATSICAS M. & MOBBS P.* **494.P**, 11*P*, 1996

*see BONNESS V., CATSICAS M., CUNNINGHAM J., HUTSON P., MURRAY F., NEAL M. & MOBBS P.* **494.P**, 79*P*, 1996

*CATSICAS M. & MOBBS P.* Spontaneous elevations of $[Ca^{2+}]_i$ in the developing chick retina **497.P**, 114*P*, 1996

CAUQUIL A.S.

*CAUQUIL A. S. & DAY B. L.* Influence of voluntary movement on the lateral tilt of body segments induced by galvanic vestibular stimulation in man **494.P**, 66*P*, 1996

CAVE R. *see BLANNIN A. K., GLEESON M., BROOKS S. & CAVE R.* **495.P**, 140*P*, 1996

CAVET M.E.

*CAVET M. E., WEST M. & SIMMONS N. L.* Transport and epithelial secretion of the cardiac glycoside, digoxin, by the human intestinal epithelial cell line Caco-2 **493.P**, 61*P*, 1996

CAZORLA O. *see AUCLERC-PASCAREL C., HONGO K., CAZORLA O., GARNIER D., WHITE E. & LE GUENNEC J.-Y.* **491.P**, 161*P*, 1996

*CAZORLA O., AUCLERC-PASCAREL C., GARNIER D. & LE GUENNEC J.-Y.* Resting tension modulates active tension during a twitch in isolated guinea-pig ventricular myocytes **491.P**, 161*P*, 1996

CECCHI G. *see RAPP G., ASHLEY C. C., BAGNI M. A., CECCHI G. & GRIFFITHS P. J.* **497.P**, 39*P*, 1996

CENTENO J.M. *see ALBORCH E., ALABADÍ J. A., TORREGROSA G., JOVER T. & CENTENO J. M.* **493.P**, 72*S*, 1996

CERVETTO L. *see DEMONTIS G. C. & CERVETTO L.* **491.P**, 12*S*, 1996

CESARE P.

*CESARE P., STOUGHTON R. & MCNAUGHTON P. A.* A membrane current activated by noxious heat in primary sensory neurones from neonatal rats **491.P**, 142*P*, 1996

CHAIB N. *see MÉTIOUI M., CHAIB N., LACHISH M., ALZOLA E. & DEHAYE J. P.* **493.P**, 68*P*, 1996

CHALLIS J.R.G. *see CARTER A. M., CHALLIS J. R. G., KOREBRITS C. & SVENDSEN P.* **494.P**, 34*P*, 1996

CHAMUNORWA J.P. *see COOK S. J., DÍAZ M. E., CHAMUNORWA J. P., LANCASTER M. K., TRAFFORD A. W., O'NEILL S. C. & EISNER D. A.* **494.P**, 111*P*, 1996

CHANG A.S. *see TURNER J. L., CHANG A. S., BROWN A. M. & KOZLOWSKI R. Z.* **491.P**, 21*P*, 1996

CHAN L.F. *see AU C. L., CHUNG H. S., PANG H. C. & CHAN L. F.* **497.P**, 71*P*, 1996

CHAPLIN D.J. *see PARKINS C. S., HILL S. A., STRATFORD M. R. L., DENNIS M. F. & CHAPLIN D. J.* **491.P**, 10*P*, 1996

CHAPMAN R.A. *see DOOLEY P. C., CHATAMRA K. R. & CHAPMAN R. A.* **493.P**, 3*P*, 1996

*see KING N. & CHAPMAN R. A.* **493.P**, 24*P*, 1996

*see DOOLEY P. C. & CHAPMAN R. A.* **493.P**, 25*P*, 1996

CHARD T. *see HILLS F. A., FARKAS A., CRAWFORD R., DHANJAL M., OGUEH O. & CHARD T.* **494.P**, 42*P*, 1996

CHATAMRA K.R. *see DOOLEY P. C., CHATAMRA K. R. & CHAPMAN R. A.* **493.P**, 3*P*, 1996

CHATTERJEE P. *see MOROZ L. L., CHATTERJEE P. & WINLOW W.* **497.P**, 118*P*, 1996

CHAUHAN-PATEL R.

*CHAUHAN-PATEL R. & SPRUCE A. E.* Investigation of mechanism of rectification in native inward rectifier potassium channels in *Xenopus laevis* embryonic myocytes **495.P**, 75*P*, 1996

CHEN M.L. *see PEDDER S. M., CHEN M. L., MUNEOKA Y. & WALKER R. J.* **491.P**, 108*P*, 1996

CHEN P.-S. *see REES H., HOUGHTON A., CHEN P.-S., AL CHEAR E. D., WESTLUND K. N. & WILLIS W. D.* **495.P**, 20*P*, 1996

CHEN Q. *see BROWN J. & CHEN Q.* **491.P**, 19*P*, 1996

CHEN S.

*see ALLMAN K. G., STODDART A., CHEN S., BOYD C. A. R. & YOUNG J. D.* **491.P**, 19*P*, 1996

*CHEN S. & BOYD C. A. R.* Cationic amino acid transport systems are differentially inhibited by the immunosuppressants FK506 and cyclosporin A (CsA) in activated human peripheral blood mononuclear cells (PBMC) **491.P**, 173*P*, 1996

CHEN Y. *see SHIELDS D., CHEN Y., LING W. L. W., AUSTIN C., ELGORT A. & WU F.* **494.P**, 5*S*, 1996

CHEYNE M.A. *see WALLACE J. M., DA SILVA P., AITKEN R. P. & CHEYNE M. A.* **494.P**, 41*P*, 1996

CHICHARRO J.L. *see LUCÍA A., CHICHARRO J. L., BANDRÉS F. & LEGIDO J. C.* **493.P**, 118*S*, 1996

CHILD R.

*CHILD R., BROWN S., DAY S., DONNELLY A., ROPER H. & SAXTON J.* Elevated muscle $\beta$-glucuronidase and G6PDH activity as biochemical markers of exercise-induced muscle damage in humans **494.P**, 132*P*, 1996

CHILD R.B. *see BROWN S. J., CHILD R. B., DAY S. H. & DONNELLY A. E.* **495.P**, 141*P*, 1996

*see DAY S. H., BROWN S. J., CHILD R. B. & DONNELLY A. E.* **495.P**, 141*P*, 1996

CHILOECHES A. *see LASA M., CHILOECHES A., ARANDA A., ROPERO S., MONTES A. & TORO M. J.* **493.P**, 121*S*, 1996

CHINN D.J.

*CHINN D. J., COTES J. E. & REED J. W.* Changes in body mass index (BMI) influence longitudinal changes in lung volume and transfer factor in working men **495.P**, 145*P*, 1996

CHIPPERFIELD A.R.

*CHIPPERFIELD A. R., DAVIS J. P. L., HARPER A. A. & HUSSAIN A.* Non-genomic effects of deoxycorticosterone on $E_m$, $[Cl]_i$ and contraction of rat arterial smooth muscle, *in vitro* **491.P**, 45*P*, 1996

CHIRICO S.

*see JAY M. T., CHIRICO S., BRUCKDORFER R., JACOBS M., LEAKE D. S., PEARSON J. D. & MANN G. E.* **491.P**, 9*P*, 1996

*CHIRICO S., JAY M. T., MANN G. E., PEARSON J. D., JACOBS M. & BRUCKDORFER K. R.* Lipoprotein oxidation: release of NO from endothelial cells and the response to NO of target fibroblasts **491.P**, 33*P*, 1996

CHIZH B.A.

*CHIZH B. A., CUMBERBATCH M. J., HERRERO J. F. & HEADLEY P. M.* NMDA receptors mediate spontaneous activity, but not phasic synaptic responses in the spinal dorsal horn of the anaesthetized rat **491.P**, 113*P*, 1996

*CHIZH B. A. & HEADLEY P. M.* NMDA receptor involvement in nociceptive responses of spinal dorsal horn neurones of the anaesthetized rat as revealed by competitive and uncompetitive antagonists **493.P**, 52*P*, 1996

*see CAPNER C. A., CHIZH B. A. & HEADLEY P. M.* **495.P**, 19*P*, 1996

*see HEADLEY P. M., CHIZH B. A. & CUMBERBATCH M. J.* **495.P**, 13*S*, 1996

CHORRO F.J. *see SUCH L., CHORRO F. J., SANCHIS J., LÓPEZ L., RUIZ R. & RODRÍGUEZ A.* **493.P**, 76*S*, 1996

*see ARTAL L., CHORRO F. J., SANCHIS J., LLAVADOR J. J., RODRÍGUEZ A. & SUCH L.* **493.P**, 77*S*, 1996

*see RODRÍGUEZ A., CHORRO F. J., ALBEROLA A., RUIZ R., LÓPEZ L. & SUCH L.* **493.P**, 167*S*, 1996

CHOWDREY H.S. *see HARBUZ M. S., JESSOP D. S., CHOWDREY H. S., LARSEN P. J. & LIGHTMAN S. L.* **493.P**, 44*S*, 1996

CHOWIENCZYK P.J. *see DAWES M., CHOWIENCZYK P. J. & RITTER J. M.* **494.P**, 126*P*, 1996

*see KNEALE B. J., COCKCROFT J. R., CHOWIENCZYK P. J. & RITTER J. M.* **494.P**, 126*P*, 1996

CHOW R.H.

*CHOW R. H., SCHULTE A. & SHIPSTON M. J.* Low-noise carbon-fibre microelectrodes for monitoring single-vesicle transmitter release **495.P**, 4*P*, 1996

CHRACHRI A. *see BROWN E. R., CHRACHRI A., INOUE I. & TSUTSUI I.* **491.P**, 106*P*, 1996

*CHRACHRI A. & WILLIAMSON R.* Modulation of L-type calcium channels in mechanosensory hair cells from the statocyst of the octopus, *Eledone cirrhosa* **495.P**, 35*P*, 1996

CHRIST F.

*CHRIST F., GARTSIDE I. B. & GAMBLE J.* Correlation between limb venous pressure, assessed by venous occlusion plethysmography and also measured by an indwelling catheter in the saphenous vein, in man **491.P**, 40*P*, 1996

CHRISTIAN M.C. *see GILLIES G. E., DAVIDSON K., MURRAY H. E. & CHRISTIAN M. C.* **494.P**, 10*S*, 1996

CHROUSOS G.P.

*CHROUSOS G. P.* The hypothalamic–pituitary–adrenal axis and the female reproductive system **494.P**, 11*S*, 1996

CHUAN P. *see MEDINA P., MARTÍNEZ M. C., VILA J. M., ALDASORO M., CHUAN P. & LLUCH S.* **493.P**, 118*S*, 1996

CHUNG H.S. *see AU C. L., CHUNG H. S., PANG H. C. & CHAN L. F.* **497.P**, 71*P*, 1996

CHWALBINSKA-MONETA J. *see TIMMONS J. A., GUSTAVSSON T., JANSSON E., HULTMAN E., SUNDBERG C. J., KAIJSER L., CHWALBINSKA-MONETA J., CONSTANTIN-TEODOSIU D., MACDONALD I. A. & GREENHAFF P. L.* **495.P**, 133*P*, 1996

CICCOTOSTO G.D. *see LUFF A. R., CICCOTOSTO G. D. & EINSIEDEL L. J.* **495.P**, 152*P*, 1996

CIVELLI O. *see KNOFLACH F., REINSCHEID R. K., CIVELLI O. & KEMP J. A.* **494.P**, 55*P*, 1996

CLAMENS S. *see ARNAL J. F., CLAMENS S., PECHET C., NEGRE-SALVAYRE A., ALLERA C., GIROLAMI J.-P., SALVAYRE R. & BAYARD F.* **491.P**, 18*P*, 1996

CLAR C. *see TANSLEY J. G., CLAR C., PEDERSEN M. E. F. & ROBBINS P. A.* **494.P**, 93*P*, 1996

*see TANSLEY J. G., PEDERSEN M. E. F., CLAR C. & ROBBINS P. A.* **497.P**, 24*P*, 1996

*CLAR C., PEDERSEN M. E. F., POULIN M. J., TANSLEY J. G. & ROBBINS P. A.* Effects of 8 h of isocapnic and poikilocapnic hypoxia on middle cerebral artery velocity and heart rate in humans **497.P**, 71*P*, 1996

CLARAMUNT H.

*CLARAMUNT H., AMAT C. & MORETÓ M.* L-Lysine uptake by everted sleeves of chicken ileum **493.P**, 108*S*, 1996

CLARK G.S.

*CLARK G. S., ECONOMIDES A. P. & BYRNE N. G.* The effect of potassium channel blockers on the responses produced by vagus nerve stimulation and exogenously applied acetylcholine in rabbit sino-atrial node cells **497.P**, 45*P*, 1996

CLARK J.B. *see BARKER J. E., HEALES S. J. R., BOLANOS J. P., LAND J. M. & CLARK J. B.* **491.P**, 34*P*, 1996

*see HURST R. D. & CLARK J. B.* **497.P**, 118*P*, 1996

CLARK V.J. *see SPANSWICK D., CLARK V. J., LOGAN S. D. & RENAUD L. P.* **494.P**, 78*P*, 1996

CLARKE A. *see JOHNSTON A., BLACK C., FRASER J., MANSON J., HOPE J., CLARKE A. & MACLEOD N.* **495.P**, 15*P*, 1996

CLARKE J.A.

*CLARKE J. A., DALY M. DE B., MARSHALL J. M. & EAD H. W.* A comparison of the size of the vascular compartment of the carotid body in normal, chronically hypoxic and diabetic rats **495.P**, 29*P*, 1996

CLARKE L. *see SYMONDS M. E., CLARKE L. & YAKUBU D. P.* **491.P**, 166*P*, 1996

*CLARKE L., GOODYER C., HEASMAN L. & SYMONDS M. E.* Influence of route of delivery on endocrine adaptation after birth in lambs **494.P**, 37*P*, 1996

*see HEASMAN L., CLARKE L. & SYMONDS M. E.* **494.P**, 37*P*, 1996

CLARKE R.W. *see OGILVIE J., HOUGHTON A. K., BHANDARI R. N. B. & CLARKE R. W.* **491.P**, 112*P*, 1996

*CLARKE R. W., HOUGHTON A. K., PARRY-BAGGOTT C. & OGILVIE J.* A possible interaction between intravenous fentanyl and endogenous noradrenaline in the spinal cord of the decerebrated rabbit **493.P**, 41*P*, 1996

*CLARKE R. W. & OGILVIE J.* The influence of a highly selective imidazoline $I_2$ site ligand on a spinal reflex and arterial blood pressure in the decerebrated rabbit **494.P**, 44*P*, 1996

*CLARKE R. W., OGILVIE J., PARRY-BAGGOTT C. & VOCE A.* Inhibition of a reflex after intravenous and intraventricular fentanyl in the decerebrated rabbit **495.P**, 23*P*, 1996

*see BHANDARI R. N. B., CARTER T., HOUGHTON A. K. & CLARKE R. W.* **495.P**, 25*P*, 1996

*see OGILVIE J. & CLARKE R. W.* **497.P**, 106*P*, 1996

CLARKE S.B.

*CLARKE S. B., DRAKE-HOLLAND A. J., HYND J., NOBLE M. I. M. & SEYMOUR A.-M. L.* Measurement of *in vitro* pyruvate dehydrogenase activity in control and chronically denervated canine myocardium **493.P**, 28*P*, 1996

*CLARKE S. B., DRAKE-HOLLAND A. J., HYND J., WRIGHT Z., MANSARAY M., NOBLE M. I. M. & SEYMOUR A.-M.L.* Chronic cardiac denervation inhibits [$^{13}$C]glutamate incorporation from $^{13}$C-3-labelled lactate in the anaesthetized dog **497.P**, 50*P*, 1996

CLARKE V.R.J.

*CLARKE V. R. J., DAVIES C. H. & COLLINGRIDGE G. L.* Activation of kainate receptors depresses monosynaptically evoked inhibitory synaptic transmission in area CA1 of the rat hippocampus *in vitro* **494.P**, 89*P*, 1996

CLARSON L.H.

*CLARSON L. H., GREENWOOD S. L., SIDES M. K. & SIBLEY C. P.* Expression of an inwardly rectifying $K^+$ current in differentiated human cytotrophoblast cells **494.P**, 32*P*, 1996

CLAUSEN J.A.

*CLAUSEN J. A., CARIC D., PRATT T. & PRICE D. J.* Neurotrophin receptor expression in the cortex of small-eye mice **495.P**, 154*P*, 1996

*see PRICE D. J., LOTTO R. B., PEACOCK S. D., CLAUSEN J. A., CASES O. & WARREN N.* **495.P**, 7*S*, 1996

CLAUSEN T.

*CLAUSEN T.* Acute activation and long-term regulation of the $Na^+$–$K^+$ pump in skeletal muscle **491.P**, 122*P*, 1996

*see NIELSEN O. B. & CLAUSEN T.* **491.P**, 122*P*, 1996

*see HARRISON A. P., NIELSEN O. B. & CLAUSEN T.* **491.P**, 123*P*, 1996

*see OVERGAARD K., NIELSEN O. B. & CLAUSEN T.* **491.P**, 131*P*, 1996

*see HARRISON A. P., FOWDEN A. L., CLAUSEN T. & DAUNCEY M. J.* **494.P**, 33*P*, 1996

CLEMENT I.D. *see LIANG P.-J., CLEMENT I. D. & ROBBINS P. A.* **494.P**, 93*P*, 1996

CLEMENT J. IV *see SHYNG S.-L., CLEMENT J. IV, BRYAN J. & NICHOLS C. G.* **494.P**, 51*P*, 1996

CLIFFORD C.W.G.

*CLIFFORD C. W. G. & LANGLEY K.* Motion adaptation: human psychophysics parallels insect electrophysiology **494.P**, 19*P*, 1996

CLOW A.

*CLOW A., HIGUCHI K., LAMBERT S., HUCKLEBRIDGE F. & ROTHWELL J. C.* Salivary sIgA production can be differentially modulated by left and right transcranial magnetic stimulation (TMS) of the temporal-parieto-occipital (T-P-O) cortex in man **491.P**, 73*P*, 1996

CLUNES M.T.

*CLUNES M. T., OLVER R. E. & KEMP P. J.* $P_{2U}$ purinoceptors regulate intracellular calcium in the human lung adenocarcinoma cell line A549 **493.P** 108*P*, 1996

COATES T.W. *see ANDREW D., MATTHEWS B. & COATES T. W.* **493.P**, 6*P*, 1996

COBB C.S.

*COBB C. S. & WILLIAMSON R.* Intracellular recordings from extraocular photoreceptor cells in the octopus, *Eledone cirrhosa* **495.P**, 36*P*, 1996

COBB S.R.

*COBB S. R., HALASY K., VIDA I., BUHL E. H. & SOMOGYI P.* Common sources and characteristics of GABAergic input to interneurones and pyramidal cells in the rat hippocampus **495.P**, 62*P*, 1996

COCKBURN M.F. *see WAREING M., COCKBURN M. F. & GREEN R.* **493.P**, 67*P*, 1996

COCKCROFT J.R. *see KNEALE B. J., COCKCROFT J. R., CHOWIENCZYK P. J. & RITTER J. M.* **494.P**, 126*P*, 1996

CODERRE T.J.

*CODERRE T. J.* Behavioural analysis of interactions between primary afferent transmitters **495.P**, 15*S*, 1996

CODY F.W.J. *see ZIA S., CODY F. W. J. & O'BOYLE D. J.* **494.P**, 68*P*, 1996

COEN B.A. *see NAZIR S. A., DICK D. J., COEN B. A., SACHS F. & LAB M. J.* **494.P**, 111*P*, 1996

COHEN H. *see FLORES N. A., BOTCHWAY A., COHEN H., FRY C. H. & SHERIDAN D. J.* **497.P**, 55*P*, 1996

COLE J. *see IVINS M. & COLE J.* **494.P**, 5*P*, 1996

COLE M.A.

*COLE M. A. & BROWN M. D.* Lower limb vascular conductance during low frequency electrical stimulation of human tibialis anterior and triceps surae muscle **495.P**, 135*P*, 1996

COLEMAN R. *see ROMÁN I. D., THEWLES A. & COLEMAN R.* **493.P**, 138*S*, 1996

*see* ROMÁN I. D., JOHNSON G. D. & COLEMAN R. **493.P**, 156*S*, 1996
COLEMAN R. Hepatobiliary function and lipid secretion **493.P**, 97*S*, 1996
COLES J. A.
COLES J. A., THWAITES D. T., MARCAGGI P. & DEITMER J. W. Ammonium causes acidification of glial cells isolated from drone retina **491.P**, 147*P*, 1996
*see* MARCAGGI P., THWAITES D. T. & COLES J. A. **495.P**, 60*P*, 1996
COLINO A.
COLINO A., VALENTÍN A. & GARCÍA-SEOANE J. J. Lithium raises excitability in neonatal rat hippocampal pyramidal cells **493.P**, 32*S*, 1996
COLLADO P.S. *see* PASTOR A., ALMAR M., COLLADO P. S. & GONZÁLEZ-GALLEGO J. **493.P**, 133*S*, 1996
*see* CUEVAS M. J., COLLADO P. S., ALMAR M., MANSO R. & GONZÁLEZ-GALLEGO J. **493.P**, 143*S*, 1996
COLLEDGE W.H. *see* KING N., COLLEDGE W. H. & SIMMONS N. L. **493.P**, 87*P*, 1996
*see* KIBBLE J. D., GARNER C., COLLEDGE W. H., EVANS M. J. & BROWN P. D. **495.P**, 80*P*, 1996
COLLETT A.
COLLETT A., WALKER D., SIMS E., HE Y.-L., ROWLAND M. & WARHURST G. Comparison of paracellular permeability in intestinal epithelia after correction for differences in morphometric parameters **493.P**, 80*P*, 1996
*see* SIMS E., COLLETT A., ROWLAND M. & WARHURST G. **493.P**, 87*P*, 1996
COLLETT V.J. *see* BRESINK I., BENKE T. A., COLLETT V. J., HENLEY J. M. & COLLINGRIDGE G. L. **493.P**, 53*P*, 1996
COLLIER C. *see* COLLIER D., COLLIER C., FRANCE J. & ROSENBERG M. **497.P**, 62*P*, 1996
COLLIER D.
COLLIER D., COLLIER C., FRANCE J. & ROSENBERG M. Visual stabilization of postural sway deteriorates at high altitude in man **497.P**, 62*P*, 1996
COLLIER D.J. *see* BARRY P. B., MASON N. P., NICKOL A., DATTA A., MILLEDGE J. S., WOLFF C. B. & COLLIER D. J. **497.P**, 29*P*, 1996
COLLIER D. J., NATHAN J., FLOWER R. J., WOLFF C. B., MILLEDGE J. S. & SWENSON E. R. Renal-selective carbonic anhydrase inhibition prevents acute mountain sickness in man **497.P**, 30*P*, 1996
COLLINGRIDGE G.L. *see* BENKE T. A., BRESINK I. & COLLINGRIDGE G. L. **493.P**, 9*P*, 1996
*see* DOHERTY A. J., COLLINGRIDGE G. L. & HENLEY J. M. **493.P**, 9*P*, 1996
*see* VIGNES M. & COLLINGRIDGE G. L. **493.P**, 9*P*, 1996
*see* BUSHELL T. & COLLINGRIDGE G. L. **493.P**, 48*P*, 1996
*see* FITZJOHN S. M., LODGE D. & COLLINGRIDGE G. L. **493.P**, 49*P*, 1996
*see* BRESINK I., BENKE T. A., COLLETT V. J., HENLEY J. M. & COLLINGRIDGE G. L. **493.P**, 53*P*, 1996
*see* CLARKE V. R. J., DAVIES C. H. & COLLINGRIDGE G. L. **494.P**, 89*P*, 1996
*see* VIGNES M., MATHIESEN C. & COLLINGRIDGE G. L. **495.P**, 44*P*, 1996
*see* IRVING A. J., PALMER M. J., HARVEY J., SEABROOK G. R. & COLLINGRIDGE G. L. **495.P**, 49*P*, 1996
COLMENERO M.D. *see* DÍAZ B., COLMENERO M. D., DÍAZ E., ARCE A., ESQUIFINO A., GARCÍA R. & MARÍN B. **493.P**, 124*S*, 1996
COLQUHOUN D. *see* WYLLIE D., BÉHÉ P., EDMONDS B., NASSAR M., SCHOEPFER R. & COLQUHOUN D. **491.P**, 135*P*, 1996
*see* LEWIS T. M., SIVILOTTI L. G., COLQUHOUN D., GARDINER R. M., SCHOEPFER R. & REES M. **494.P**, 77*P*, 1996
*see* LEWIS T. M., SIVILOTTI L. G., COLQUHOUN D., GARDINER R. M., SCHOEPFER R. & REES M. **497.P**, 112*P*, 1996
COLVIN L.A. *see* MARK M. A., COLVIN L. A. & DUGGAN A. W. **495.P**, 21*P*, 1996
COLYER J. *see* CALAGHAN S. C., WHITE E. & COLYER J. **497.P**, 3*P*, 1996
*see* HUSSAIN M., DRAGO G. A., COLYER J. & ORCHARD C. H. **497.P**, 49*P*, 1996
COMAS J. *see* PELEGRÍ C., RODRÍGUEZ-PALMERO M., MORANTE M. P., COMAS J., CASTELL M. & FRANCH A. **493.P**, 109*S*, 1996
COMBES N. *see* LAKIE M., JUPP N., CAMPBELL K. S. & COMBES N. **495.P**, 130*P*, 1996
COMBETTES L. *see* GUIHARD G., COMBETTES L. & CAPIOD T. **493.P**, 76*P*, 1996
CONEY A.
CONEY A. & MARSHALL J. M. Effect of ZM241385 on the responses to acute systemic hypoxia and adenosine in the cerebral cortex of the anaesthetized rat **494.P**, 105*P*, 1996
CONEY A. & MARSHALL J. M. The effect of 8-sulphophenyltheophylline on the vasodilatation induced in the cerebral cortex of the anaesthetized rat by acute systemic hypoxia and exogenous adenosine **497.P**, 80*P*, 1996
CONLEY E.C. *see* DAVIES N. W., SHELTON P. A., CONLEY E. C. & STANFIELD P. R. **495.P**, 89*P*, 1996
CONNORS S.C. *see* MAMAS M. A., CONNORS S. C. & TERRAR D. A. **493.P**, 26*P*, 1996
CONSTANTIN-TEODOSIU D. *see* TIMMONS J. A., POUCHER S. M., CONSTANTIN-TEODOSIU D., MACDONALD I. A. & GREENHAFF P. L. **491.P**, 62*P*, 1996
*see* TIMMONS J. A., POUCHER S. M., CONSTANTIN-TEODOSIU D., MACDONALD I. A. & GREENHAFF P. L. **491.P**, 126*P*, 1996
*see* TIMMONS J. A., GUSTAVSSON T., JANSSON E., HULTMAN E., SUNDBERG C. J., KAIJSER L., CHWALBINSKA-MONETA J., CONSTANTIN-TEODOSIU D., MACDONALD I. A. & GREENHAFF P. L. **495.P**, 133*P*, 1996
CONTRERAS R. *see* SOBREVIA L., CONTRERAS R., SIOW R. C. M. & MANN G. E. **493.P**, 73*P*, 1996
*see* FUENTES O., OLIVA P., VARGAS C., JARA A., CONTRERAS R. & SOBREVIA L. **493.P**, 91*P*, 1996
CONWAY A.F. *see* LANDAUER R. C., CONWAY A. F., PEPPER D. R. & KUMAR P. **497.P**, 25*P*, 1996
CONWAY M. *see* HANSSEN H., MENDES RIBEIRO A. C., CONWAY M., MANN G. E. & ELLORY J. C. **494.P**, 112*P*, 1996
COOK L.J. *see* BUXTON N., OVEREND C. L., MILL J. G., COOK L. J., COOK S. J., O'NEILL S. C. & EISNER D. A. **495.P**, 86*P*, 1996
*see* OVEREND C. L., MILL J. G., COOK L. J., COOK S. J., EISNER D. A. & O'NEILL S. C. **497.P**, 47*P*, 1996
COOK S.J.
COOK S. J., DÍAZ M. E., CHAMUNORWA J. P., LANCASTER M. K., TRAFFORD A. W., O'NEILL S. C. & EISNER D. A. The variability of spontaneous $Ca^{2+}$ release between different rat ventricular myocytes is correlated with $Na^+$–$Ca^{2+}$ exchange and intracellular $Na^+$ concentration **494.P**, 111*P*, 1996
*see* BUXTON N., OVEREND C. L., MILL J. G., COOK L. J., COOK S. J., O'NEILL S. C. & EISNER D. A. **495.P**, 86*P*, 1996
*see* OVEREND C. L., MILL J. G., COOK L. J., COOK S. J., EISNER D. A. & O'NEILL S. C. **497.P**, 47*P*, 1996
COOMBER S.J.
COOMBER S. J. & ELLIOTT G. F. Sarcomere length (SL) dependence of Donnan potential measurements in calcium-activated isolated rabbit psoas muscle **494.P**, 131*P*, 1996
COOMBER S. J., DE HAAN A. & ELLIOTT G. F. Donnan potential measurements in creatine kinase-deficient mouse psoas muscle **497.P**, 39*P*, 1996
COOTE J.H. *see* GLADWELL S. J. & COOTE J. H. **491.P**, 143*P*, 1996
*see* GARDNER J. & COOTE J. H. **497.P**, 16*P*, 1996
*see* GLADWELL S. J. & COOTE J. H. **497.P**, 73*P*, 1996
CORDERO R. *see* ORTIZ A., CORDERO R., GÓMEZ M. M. G., HERNÁNDEZ R. & MENA P. **493.P**, 105*S*, 1996
*see* ORTIZ A., CORDERO R., GÓMEZ M. M. G., HERNÁNDEZ R. & MENA P. **493.P**, 105*S*, 1996
CORDINGLEY J.J. *see* THOMSON S., CORDINGLEY J. J., SEMPLE S. J. G., PALAZZO M. G. A. & CROSS B. A. **493.P**, 2*P*, 1996
CORDOBA-RODRIGUEZ R. *see* GONZALEZ-SERRATOS H., CORDOBA-RODRIGUEZ R., MATTESON D. R. & ROZYCKA M. **494.P**, 133*P*, 1996
CORFIELD D.R.
CORFIELD D. R., FINK G. R., MURPHY K., KOBAYASHI I., DETTMERS C., ADAMS L., FRACKOWIAK R. S. J. & GUZ A. Changes in motor cortical activity induced by increasing inspiratory force in man **491.P**, 52*P*, 1996
*see* MURPHY K., CORFIELD D. R., GUZ A., FINK G., HARRISON J., WISE R. J. S. & ADAMS L. **497.P**, 22*P*, 1996
CORFIELD D. R., ROBERTS C. A., GRIFFITHS M. J. D. & ADAMS L. Sleep-related changes in the 'neuromuscular' ventilatory response to transient hypoxia in man **497.P**, 23*P*, 1996
CORNWALL M.C. *see* MATTHEWS H. R., CORNWALL M. C. & FAIN G. L. **495.P**, 178*P*, 1996
CORPE C.P. *see* KELLETT G. L., CORPE C. P., BASALEH M., AFFLECK J., GOULD G. W. & JESS T. J. **493.P**, 65*P*, 1996
CORRALL R.J.M. *see* PARKER D. R., BARGIOTTA A., HALLIWELL M. & CORRALL R. J. M. **495.P**, 128*P*, 1996
COSSO L. *see* BELLMUNT M. J., PORTERO M., PAMPLONA R., COSSO L., ODETTI P. & PRAT J. **493.P**, 62*S*, 1996
COSTA G. *see* GARCÍA-PASCUAL A., LABADIA A., COSTA G. & TRIGUERO D. **493.P**, 89*S*, 1996
COTES J.E. *see* CHINN D. J., COTES J. E. & REED J. W. **495.P**, 145*P*, 1996
COTSELL B. *see* GEE M. D., LYNN B. & COTSELL B. **494.P**, 46*P*, 1996
*see* GOOCH C., COTSELL B. & LYNN B. **494.P**, 47*P*, 1996
COTTAM H. *see* ALEXANDER B., COTTAM H. & NAFTALIN R. J. **495.P**, 102*P*, 1996

COTTER M.A. *see* CAMERON N. E. & COTTER M. A. **491.P**, 16*P*, 1996

*COTTER M. A. & CAMERON N. E.* Reversal of neurovascular dysfunction by chronic anti-oxidant and aminoguanidine treatments in anaesthetized diabetic rats: modulation by nitric oxide synthase inhibition **491.P**, 16*P*, 1996

COTTERRELL D. *see* PEARSON J. S., STRATTON E., ROBERTS A., VARLEY J. S. & COTTERRELL D. **491.P**, 3*P*, 1996

COTTON K.D.

*COTTON K. D., HOLLYWOOD M. A., MCHALE N. G. & THORNBURY K. D.* Membrane currents in isolated lymphatic smooth muscle cells of the sheep **495.P**, 98*P*, 1996

*see* HOLLYWOOD M. A., COTTON K. D., THORNBURY K. D. & MCHALE N. G. **495.P**, 98*P*, 1996

COTTRELL G.A. *see* PRICE D. A., DENSLOW N. D., REYNOLDS S., GREENBERG M. J. & COTTRELL G. A. **494.P**, 82*P*, 1996

COUGNON M. *see* BOUYER P., THOMAS S. R., COUGNON M., EDELMAN A., ANAGNOSTOPOULOS T. & PLANELLES G. **493.P**, 99*P*, 1996

COULIART V. *see* BENCHETRIT G., GENTIL M., MOLDOVANOU I., EBERHARD A., POLLAK P., VOVK V., COULIART V. & BACHY J. P. **497.P**, 28*P*, 1996

COUSINS H.M. *see* HIRST G. D. S., BRAMICH N. J., COUSINS H. M. & EDWARDS F. R. **497.P**, 2*S*, 1996

COUSQUER G.O.

*COUSQUER G. O.* Localization of mechanoreceptors in the saccopleural membrane of the cranial thoracic air sac of anaesthetized chickens **491.P**, 52*P*, 1996

COVEÑAS R. *see* NARVÁEZ J. A., DIAZ Z., HEDLUND P. B., AGUIRRE J. A., COVEÑAS R., GONZALEZ-BARON S. & FUXE K. **493.P**, 75*S*, 1996

COX V.

*COX V., JAMES R., ASHLEY Z. & GOLDSPINK D.* The mechanical properties of latissimus dorsi muscles in anaesthetized rabbits after 3 weeks of either 10 Hz continuous or 60 Hz burst electrical stimulation **497.P**, 38*P*, 1996

*see* FEATHERSTONE N., COX V., WRIGHT H. & GOLDSPINK D. **497.P**, 40*P*, 1996

COX V.M. *see* ASHLEY Z., COX V. M., YOUNG I. S. & GOLDSPINK D. F. **497.P**, 38*P*, 1996

CRACCO J.B. *see* AMASSIAN V. E., CRACCO R. Q., MACCABEE P. J., CRACCO J. B., HASSAN N., VERGARA M. & EBERLE L. **491.P**, 74*P*, 1996

*see* AMASSIAN V. E., CRACCO R. Q., CRACCO J. B., MACCABEE P. J., VERGARA M. & HASSAN N. **493.P**, 40*P*, 1996

CRACCO R.Q. *see* AMASSIAN V. E., CRACCO R. Q., MACCABEE P. J., CRACCO J. B., HASSAN N., VERGARA M. & EBERLE L. **491.P**, 74*P*, 1996

*see* AMASSIAN V. E., CRACCO R. Q., CRACCO J. B., MACCABEE P. J., VERGARA M. & HASSAN N. **493.P**, 40*P*, 1996

*see* MARI Z., SAGLIOCCO L., MACCABEE P. J., CRACCO R. Q., BODIS-WOLLNER I. & AMASSIAN V. E. **495.P**, 131*P*, 1996

*see* AMASSIAN V. E., CRACCO R. Q., MACCABEE P. J., VERGARA M. & HASSAN N. **497.P**, 34*P*, 1996

CRAGGS M.D.

*CRAGGS M. D. & RUSHTON D. N.* Isometric forces of detrusor smooth muscle measured during sacral anterior root stimulation in people with spinal injuries **494.P**, 130*P*, 1996

*see* MCFARLANE J. P., FOLEY S. J., DE WINTER P., SHAH P. J. R. & CRAGGS M. D. **497.P**, 16*P*, 1996

CRAWFORD J.H.

*CRAWFORD J. H., WAINWRIGHT A., HEAVENS R., SCOTT R. H. & SEABROOK G. R.* Mobilization of intracellular calcium by group I metabotropic glutamate receptors in sensory neurones cultured from neonatal rats **495.P**, 46*P*, 1996

CRAWFORD P.M. *see* HASAN S. S., KING A. E. & CRAWFORD P. M. **497.P**, 100*P*, 1996

CRAWFORD R. *see* HILLS F. A., FARKAS A., CRAWFORD R., DHANJAL M., OGUEH O. & CHARD T. **494.P**, 42*P*, 1996

CREEMERS J.W.M. *see* HUTTON J. C., CREEMERS J. W. M., BRIGHT N. A. & USAC E. F. **494.P**, 6*S*, 1996

CREPPS B. *see* LAWSON S. N., CREPPS B. & PERL E. R. **491.P**, 16*S*, 1996

*see* LAWSON S. N., CREPPS B., BUCK H. & PERL E. R. **493.P**, 45*P*, 1996

CRESPO C. *see* BRAVO I. G., ARÉVALO R., CRESPO C., PORTEROS A., BRIÑÓN J. G., ALJÓN J. & ALONSO J. R. **493.P**, 40*S*, 1996

*CRESPO C., PORTEROS A., ARÉVALO R., BRAVO I. G., OJEDA E., ALJÓN J. & ALONSO J. R.* Nitric oxide synthase expression in a subpopulation of atypical olfactory glomeruli in the rat olfactory bulb **493.P**, 40*S*, 1996

*see* PORTEROS A., CRESPO C., BRAVO I. G., BRIÑÓN J. G., ARÉVALO R., ALJÓN J. & ALONSO J. R. **493.P**, 40*S*, 1996

CRIADO J. *see* MONTE M. J., SERRANO M. A., VILLANUEVA G. R., BARBERO E. R., HERRERA M. C., CRIADO J., DOMINGUEZ M. F. & MARIN J. J. G. **493.P**, 162*S*, 1996

CRIADO J.M. *see* MARPLE-HORVAT D. E., CRIADO J. M., HOLLANDS M. A. & ARMSTRONG D. M. **493.P**, 9*S*, 1996

*see* HEREDIA M., RIOLOBOS A. S., YAJEYA J., CRIADO J. M., DE LA FUENTE A. & SANTACANA M. **493.P**, 22*S*, 1996

*see* DE LA FUENTE A., CRIADO J. M., HEREDIA M., RIOLOBOS A. S. & YAJEYA J. **493.P**, 23*S*, 1996

CRIADO-JIMÉNEZ M. *see* FLORES O., CRIADO-JIMÉNEZ M., RIVAS-CABAÑERO L., HIDALGO F., ELENO N., DÍEZ-PANERO L. M., ESTAÑ J. G. & LÓPEZ-NOVOA J. M. **493.P**, 88*S*, 1996

CRISP G. *see* TATTERSALL J. E. H., BALDWIN P. J., WOOD S. & CRISP G. **495.P**, 6*P*, 1996

CRITCHLEY H.P.

*CRITCHLEY H. P., MATTHEWS C. J. & HIRST B. H.* Glycine transport across human endometrial epithelial cell monolayers *in vitro* **493.P**, 85*P*, 1996

CROFT J.S. *see* KELLY A. P., CROFT J. S. & HAINSWORTH R. **497.P**, 5*P*, 1996

*see* MTINANGI B. L., CROFT J. S., BROWN C. M. & HAINSWORTH R. **497.P**, 68*P*, 1996

CROKER J. *see* LEVI A. J., HANCOX J. C., HOWARTH F. C., VINNICOMBE J. & CROKER J. **493.P**, 3*P*, 1996

CROMPTON M. *see* LEYSSENS A., CROMPTON M. & DUCHEN M. R. **494.P**, 109*P*, 1996

CRONE R. *see* HAMDY S., CRONE R., AZIZ Q., ROTHWELL J. C., TALLIS R. C. & THOMPSON D. G. **491.P**, 118*P*, 1996

CRONIER L.

*CRONIER L., DÉLÈZE J., MALASSINÉ A. & HERVÉ J. C. In vitro* differentiation of human term trophoblasts is interrupted by prolonged exposure to gossypol, an antifertility agent **494.P**, 40*P*, 1996

CROSS B.A. *see* HOWELL J. H. & CROSS B. A. **491.P**, 77*P*, 1996

*see* THOMSON S., CORDINGLEY J. J., SEMPLE S. J. G., PALAZZO M. G. A. & CROSS B. A. **493.P**, 2*P*, 1996

CROWDY K.

*CROWDY K., HOLLANDS M. A., MONTGOMERY A. S., MARPLE-HORVAT D. E., ARMSTRONG D. M. & FERGUSON I. T.* Visually guided stepping in man **493.P**, 14*P*, 1996

CROXEN R. *see* NEWLAND C., CROXEN R., BEESON D., VINCENT A. & NEWSOM-DAVIS J. **495.P**, 79*P*, 1996

CUDMORE S. *see* GRIFFITHS G., ROOS N., CUDMORE S., WAY M. & KRIJNSE LOCKER J. **494.P**, 4*S*, 1996

CUEVAS M.J.

*CUEVAS M. J., COLLADO P. S., ALMAR M., MANSO R. & GONZÁLEZ-GALLEGO J.* Effects of training and anabolic–androgenic steroids on hepatic microsomal mono-oxygenases **493.P**, 143*S*, 1996

CUFFE J. *see* WINTER D. C., CUFFE J., O'SULLIVAN G. C., BUTT A. G. & HARVEY B. J. **493.P**, 67*P*, 1996

CUI L.-N. *see* JOLLEY C. J., CUI L.-N. & DYBALL R. E. J. **491.P**, 176*P*, 1996

*CUI L.-N. & DYBALL R. E. J.* Both NMDA and non-NMDA receptor antagonists block excitatory responses in the suprachiasmatic nucleus evoked by optic nerve stimulation in the Syrian hamster *in vivo* **494.P**, 138*P*, 1996

*see* KHAN F. Z., CUI L.-N. & DYBALL R. E. J. **495.P**, 110*P*, 1996

*see* SAEB-PARSY K., CUI L.-N. & DYBALL R. E. J. **495.P**, 111*P*, 1996

CULL-CANDY S.G. *see* FARRANT M., BRICKLEY S. G. & CULL-CANDY S. G. **494.P**, 7*P*, 1996

*see* SILVER R. A., FARRANT M. & CULL-CANDY S. G. **494.P**, 85*P*, 1996

*see* MOMIYAMA A., SILVER R. A. & CULL-CANDY S. G. **494.P**, 86*P*, 1996

CULLEN M.J. *see* HASSONI A. A., CULLEN M. J. & HARRIS J. B. **495.P**, 163*P*, 1996

CUMBERBATCH M.J. *see* CHIZH B. A., CUMBERBATCH M. J., HERRERO J. F. & HEADLEY P. M. **491.P**, 113*P*, 1996

*see* HEADLEY P. M., CHIZH B. A. & CUMBERBATCH M. J. **495.P**, 13*S*, 1996

CUNNANE T.C. *see* SMITH A. B., BRIDGEWATER M. & CUNNANE T. C. **497.P**, 17*P*, 1996

CUNNINGHAM J. *see* BONNESS V., CATSICAS M., CUNNINGHAM J., HUTSON P., MURRAY F., NEAL M. & MOBBS P. **494.P**, 79*P*, 1996

CUNNINGHAM M. *see* RICHARDSON H. C., MAHON M., CUNNINGHAM M. & MILLER I. **495.P**, 8*P*, 1996

CUNNINGHAM S.M.C. *see* BROWNING K. N., CUNNINGHAM S. M. C., TIMMERMANS J.-P. & LEES G. M. **495.P**, 100*P*, 1996

CURCI S. *see* CAROPPO R., DEBELLIS L., ALPER S., FRÖMTER E. & CURCI S. **493.P**, 77*P*, 1996

CURRIE K.P.M.

*CURRIE K. P. M. & FOX A. P.* Differential inhibition of N- and P/Q-type calcium channel currents by extracellular application of ATP in cultured bovine adrenal chromaffin cells **495.P**, 76*P*, 1996

CURRIE S. *see MCINTOSH M. A., CURRIE S. & SMITH G. L.* **491.P**, 156*P*, 1996

CURT A. *see SCHUBERT M., CURT A., JENSEN L. & DIETZ V.* **494.P**, 65*P*, 1996

CURTIN N.A. *see GARDNER-MEDWIN A. R. & CURTIN N. A.* **494.P**, 74*P*, 1996

*see LOU F., CURTIN N. A. & WOLEDGE R. C.* **494.P**, 131*P*, 1996

CURTIS M.J. *see ELLWOOD A. J. & CURTIS M. J.* **497.P**, 78*P*, 1996

CUTLER D.

*CUTLER D.* Targeting of membrane proteins to the regulated secretory organelles of neuroendocrine cells **494.P**, 3*S*, 1996

CUTLER D.J. *see MASON R., CUTLER D. J., BRACKLEY P. T. H. & RUSAK B.* **495.P**, 48*P*, 1996

*CUTLER D. J. & MASON R.* A simple insert for the PDMI-2 microincubator offers mechanical stability for brain slice recording **497.P**, 2*P*, 1996

CUYAS L. *see VELASCO A., TEJEDO B., LUNA L., G-GRANDA T., ALONSO I. & CUYAS L.* **493.P**, 122*S*, 1996

DAGENS S. *see PARKINSON L., AMIN A. M., MOHAMED H., DAGENS S., O'CONNELL J., REILLY A., SEXTON S., SHIELS G. & BELL C.* **495.P**, 143*P*, 1996

DAGHER G. *see SAMAIN E., DAGHER G., PERRET C., MORIN E., SAFAR M. & RENAUD J. F.* **491.P**, 163*P*, 1996

DALLAK M.

*DALLAK M., DAVIES A. & MOORES C.* Pattern of breathing in a rabbit and a rat model of emphysema **495.P**, 158*P*, 1996

DALTON G.R.

*DALTON G. R., LEVI A. J., EVANS S. J. & JONES J. V.* The effect on stretch-induced arrhythmia of regression of left ventricular hypertrophy in the isolated heart of the spontaneously hypertensive rat **491.P**, 158*P*, 1996

*see MAYS J. L., SALMON A. H. J., DALTON G. R., EVANS S. J., JONES J. V. & LEVI A. J.* **493.P**, 28*P*, 1996

DALY M. DE B. *see CLARKE J. A., DALY M. DE B., MARSHALL J. M. & EAD H. W.* **495.P**, 29*P*, 1996

*see JONES J. F. X. & DALY M. DE B.* **495.P**, 29*P*, 1996

DAMPNEY R.A.L. *see SNOWBALL R. K., DAMPNEY R. A. L. & LUMB B. M.* **491.P**, 114*P*, 1996

DARLEY-USMAR V.

*DARLEY-USMAR V.* Nitric oxide- and oxygen-dependent disruption of signalling pathways in cardiovascular disease **491.P**, 3*S*, 1996

DASHWOOD M.R. *see JEREMY J. Y., DASHWOOD M. R., TIMM M., IZZAT M. B., MEHTA D., BRYAN A. J. & ANGELINI G. D.* **491.P**, 17*P*, 1996

*see SULLIVAN M. E., THOMPSON C. S., MUDDLE J. R., MIKHAILIDIS D. P., MORGAN R. J. & DASHWOOD M. R.* **494.P**, 130*P*, 1996

*see MCQUEEN D. S., WINKLER H., EDER U., TIMM M., DASHWOOD M. R. & BOND S. M.* **495.P**, 20*P*, 1996

DA SILVA P. *see WALLACE J. M., DA SILVA P., AITKEN R. P. & CHEYNE M. A.* **494.P**, 41*P*, 1996

DASSO L.L.T.

*DASSO L. L. T., BUCKLER K. J. & VAUGHAN-JONES R. D.* Effects of cholinergic agonists on intracellular $Ca^{2+}$ in neonatal rat carotid body type I cells **493.P**, 17*P*, 1996

DATTA A. *see BARRY P. B., MASON N. P., NICKOL A., DATTA A., MILLEDGE J. S., WOLFF C. B. & COLLIER D. J.* **497.P**, 29*P*, 1996

DAUM P. *see KNIBBS D., WOODRUFF G. N., DAUM P. & PINNOCK R. D.* **493.P**, 47*P*, 1996

DAUNCEY M.J. *see HARRISON A. P., FOWDEN A. L., CLAUSEN T. & DAUNCEY M. J.* **494.P**, 33*P*, 1996

DAVEY N.J. *see ELLAWAY P. H., RAWLINSON S. R., LEWIS H. S., DAVEY N. J. & MASKILL D. W.* **493.P**, 36*P*, 1996

*see STEDMAN A. & DAVEY N. J.* **493.P**, 39*P*, 1996

*see SMITH H. C., DAVEY N. J., MASKILL D. W., SAVIC G. & ELLAWAY P. H.* **497.P**, 104*P*, 1996

DAVIDSON I. *see PITSILADIS Y. P., DAVIDSON I. & MAUGHAN R. J.* **495.P**, 134*P*, 1996

DAVIDSON K. *see GILLIES G. E., DAVIDSON K., MURRAY H. E. & CHRISTIAN M. C.* **494.P**, 10*S*, 1996

DAVIES A. *see DALLAK M., DAVIES A. & MOORES C.* **495.P**, 158*P*, 1996

*DAVIES A., PIRIE L. & EYRE-TODD R. A.* The anaesthetized rat illustrates that pulmonary receptor adaption in different species is related to breathing frequency **495.P**, 158*P*, 1996

DAVIES C.H. *see CLARKE V. R. J., DAVIES C. H. & COLLINGRIDGE G. L.* **494.P**, 89*P*, 1996

*see MORTON R. A. & DAVIES C. H.* **495.P**, 53*P*, 1996

DAVIES M. *see DEMONCHEAUX E. A. G., SMITH A. P. L., DAVIES M. & HIGENBOTTAM T.* **491.P**, 101*P*, 1996

DAVIES N.W. *see ABRAMS C. J., DAVIES N. W. & STANFIELD P. R.* **494.P**, 50*P*, 1996

*DAVIES N. W., SHELTON P. A., CONLEY E. C. & STANFIELD P. R.* Subconductance states of the inward rectifier Kir2.1 expressed in murine erythroleukaemia (MEL) cells **495.P**, 89*P*, 1996

DAVIES P.J. *see MCLACHLAN E. M., DAVIES P. J. & HÄBLER H.-J.* **497.P**, 2*S*, 1996

DAVIS J.P.L. *see CHIPPERFIELD A. R., DAVIS J. P. L., HARPER A. A. & HUSSAIN A.* **491.P**, 45*P*, 1996

DAVIS W. *see NORMAN J. C., HARRISON P. T., DAVIS W. & ALLEN J. M.* **491.P**, 100*P*, 1996

DAW C. *see BUSH B. M. H., DAW C. & SITHERS A. J.* **493.P**, 8*P*, 1996

DAWES M.

*DAWES M., CHOWIENCZYK P. J. & RITTER J. M.* Vasodilatation of human forearm vasculature by salbutamol is inhibited by $N^G$-monomethyl-L-arginine **494.P**, 126*P*, 1996

DAWID-MILNER M.S.

*DAWID-MILNER M. S., GONZÁLEZ-BARÓN S., LARA J. P. & SPYER K. M.* Cardiorespiratory modulation of rostral and ventral pontine regions in the rat **493.P**, 71*S*, 1996

DAYANITHI G. *see SABATIER N., RICHARD PH. & DAYANITHI G.* **495.P**, 111*P*, 1996

*see SABATIER N., RICHARD PH. & DAYANITHI G.* **495.P**, 112*P*, 1996

DAY B.L. *see LYON I. N. & DAY B. L.* **491.P**, 73*P*, 1996

*see LYON I. N. & DAY B. L.* **493.P**, 37*P*, 1996

*see CAUQUIL A. S. & DAY B. L.* **494.P**, 66*P*, 1996

DAY K.

*DAY K., VARGHESE A., NOBLE D. & KOHL P.* Mechanical modulation of ion channel opening and intracellular calcium handling in a cardiomyocyte model: diastolic and systolic consequences **497.P**, 5*P*, 1996

DAY S. *see CHILD R., BROWN S., DAY S., DONNELLY A., ROPER H. & SAXTON J.* **494.P**, 132*P*, 1996

DAY S.H. *see BROWN S. J., CHILD R. B., DAY S. H. & DONNELLY A. E.* **495.P**, 141*P*, 1996

*DAY S. H., BROWN S. J., CHILD R. B. & DONNELLY A. E.* Spectral analysis of electromyogram during repeated bouts of eccentric exercise in man **495.P**, 141*P*, 1996

DEBELLIS L. *see CAROPPO R., DEBELLIS L., ALPER S., FRÖMTER E. & CURCI S.* **493.P**, 77*P*, 1996

DEBNAM E.S.

*see O'RIORDAN D. K., SIMPSON R. J., SHARP P. A., DEBNAM E. S. & SRAI S. K. S.* **494.P**, 56*P*, 1996

*DEBNAM E. S., GRIMBLE G. K., DENHOLM E. E. & BUCKLEY P.* A dextran enriched diet upregulates SGLT1-mediated glucose uptake by brush-border membrane vesicles from isolated rat ileum **494.P**, 124*P*, 1996

*DEBNAM E. S., SHARP P. A., SRAI S. K. S., ABAYASEKARA D. R. E. & SEARLE M.-J.* Increased cAMP level in isolated enterocytes from diabetic rats: relation to upregulation of sugar transport **495.P**, 103*P*, 1996

DE DECKER N. *see LAENEN B., DE DECKER N., STEELS P. & VAN KERKHOVE E.* **491.P**, 104*P*, 1996

*DE DECKER N., VAN RIE J., STEELS P. & VAN KERKHOVE E.* Electrophysiological effects of δ-endotoxins on the isolated luminally perfused midgut of *Plutella xylostella* **493.P**, 90*P*, 1996

DE DIOS I. *see RODRÍGUEZ A. I., MANSO M. A., GARCÍA-MONTERO A. C., ORFAO A. & DE DIOS I.* **493.P**, 100*S*, 1996

*SEE PESCADOR R., MANSO M. A., REBOLLO A. J., RODRÍGUEZ A. I., GARCÍA-MONTERO A. C. & DE DIOS I.* **493.P**, 111*S*, 1996

see PESCADOR, R., MANSO, M. A., REBOLLO, A. J., GARCIA-MONTERO, A. C., RODRIGUEZ A. I. & DE DIOS, I. **493.P**, 112*S*, 1996

*see RODRÍGUEZ-LÓPEZ A. M., DE DIOS I., LÓPEZ M. A. & CALVO J. J.* **493.P**, 114*S*, 1996

DE HAAN A.

*DE HAAN A., KOUDLIS J. C. M., JETTEN I., STEEGHS K. & WEVERS R. A.* Impairment of force generation in skeletal muscles of anaesthetized mice with creatine kinase deficiency **491.P**, 125*P*, 1996

*see COOMBER S. J., DE HAAN A. & ELLIOTT G. F.* **497.P**, 39*P*, 1996

DEHAYE J.P. *see MÉTIOUI M., CHAIB N., LACHISH M., ALZOLA E. & DEHAYE J. P.* **493.P**, 68, 1996

DEISZ R.A.

*DEISZ R. A.* $GABA_B$ receptors of interneurones mediate the frequency-dependent depression of inhibition of rat neocortex *in vitro* **491.P**, 139*P*, 1996

DEITMER J.W. *see* COLES J. A., THWAITES D. T., MARCAGGI P. & DEITMER J. W. **491.P**, 147*P*, 1996

DE LA ASUNCIÓN J.G. *see* VIÑA J., DE LA ASUNCIÓN J. G., MILLÁN A., BRUSEGHINI L., PALLARDÓ F. V. & SASTRE J. **491.P**, 44*P*, 1996
*see* VIÑA J., PALLARDÓ F. V., SASTRE J., ASENSI M., DE LA ASUNCIÓN J. G. & MILLÁN A. **493.P**, 57*S*, 1996

DE LA CRUZ L.F. *see* RICO M., LORENZO M. T., OLIVEIRA C., ARNAIZ I. & DE LA CRUZ L. F. **493.P**, 125*S*, 1996
*see* RICO M., LORENZO M. T., OLIVEIRA C., ARNAIZ I. & DE LA CRUZ L. F. **493.P**, 125*S*, 1996

DE LA CRUZ M.J. *see* TORRES C., CARRERA E. & DE LA CRUZ M. J. **493.P**, 60*S*, 1996

DE LA CRUZ R.R. *see* PASTOR M., DE LA CRUZ R. R. & BAKER R. **493.P**, 14*S*, 1996

DE LA FUENTE A. *see* HEREDIA M., RIOLOBOS A. S., YAJEYA J., CRIADO J. M., DE LA FUENTE A. & SANTACANA M. **493.P**, 22*S*, 1996
DE LA FUENTE A., CRIADO J. M., HEREDIA M., RIOLOBOS A. S. & YAJEYA J. Electrophysiological study of the unitary activity in the motor cortex of the cat during the execution of a conditioned motor task **493.P**, 23*S*, 1996

DE LA FUENTE M. *see* DEL RIO M. & DE LA FUENTE M. **493.P**, 45*S*, 1996
*see* DEL RIO M., MEDINA S. & DE LA FUENTE M. **493.P**, 50*S*, 1996
DE LA FUENTE M., DEL RIO M., FERRANDEZ M. D., ORTEGA E., DEL REY A. & BESEDOVSKY H. Effect of noradrenaline on adherence and chemotaxis of immune cells **493.P**, 51*S*, 1996
DE LA FUENTE M., DEL RIO M., FERRANDEZ M. D., MEDINA S. & HERNANZ A. Ageing-related changes in the modulation by neuropeptides of macrophage functions **493.P**, 61*S*, 1996
*see* FERRÁNDEZ M. D., GARCÍA I., MALLA A. & DE LA FUENTE M. **493.P**, 139*S*, 1996
DE LA FUENTE M., RUEDAS G., DEL RIO M., FERRANDEZ M. D., HERNANZ A. & MIQUEL J. Effect of thiol antioxidants on macrophage functions **493.P**, 140*S*, 1996

DE LA FUENTE M.T. *see* MAROTO R., DE LA FUENTE M. T., ZAPATER P., ABAD F. & ESQUERRO E. **493.P**, 127*S*, 1996
DE LA FUENTE M. T., MAROTO R., SÁNCHEZ-GARCÍA P. & GARCÍA A. G. Calcium changes in ouabain, lithium and veratridine-treated chromaffin cells **493.P**, 127*S*, 1996

DE LA HORRA C. *see* CALONGE M. L., DE LA HORRA C. & ILUNDIN A. A. **493.P**, 102*S*, 1996
DE LA HORRA C., CALONGE M. L., GRIBBLE S. M., WOOD I. S., ILUNDIN A. A. & SHIRAZI-BEECHEY S. P. Factors and molecular mechanisms involved in regulation of chicken colonic luminal membrane $Na^+$-linked transport systems **493.P**, 102*S*, 1996

DE LA PRIDA L.M. *see* BOLEA S., DE LA PRIDA L. M. & SÁNCHEZ-ANDRÉS J. V. **493.P**, 30*S*, 1996
DE LA PRIDA L. M., BOLEA S. & SÁNCHEZ-ANDRÉS J. V. Evolution of spontaneous electrical activity in early development of hippocampus **493.P**, 30*S*, 1996

DEL ARCO A.
DEL ARCO A., MARTÍNEZ R. & MORA F. Effects of intracerebral infusion of amphetamine on the extracellular concentrations of glutamic acid and taurine in the medial prefrontal cortex of the conscious rat: a microdialysis study **493.P**, 18*S*, 1996
*see* MARTÍNEZ R., DEL ARCO A. & MORA F. **493.P**, 19*S*, 1996

DE LA VEGA A.G. *see* SANTACANA M., DE LA VEGA A. G., HEREDIA M. & VALVERDE F. **493.P**, 50*S*, 1996

DE LA VILLA P. *see* VAQUERO C., DE LA VILLA P. & DOWNING J. E. G. **491.P**, 88*P*, 1996
*see* VAQUERO C. F., DE LA VILLA P., VELASCO A. & KANEKO A. **493.P**, 14*S*, 1996

DELEUZE C. *see* HUSSY N., DELEUZE C., PANTALONI A., DESARMÉNIEN M. G. & MOOS F. **495.P**, 119*P*, 1996

DELGADO C. *see* PUERRO M., LÓPEZ-MIRANDA V., ORTEGA A., DELGADO C. & ALEIXANDRE M. A. **493.P**, 80*S*, 1996

DELGADO-GARCÍA J.M.
DELGADO-GARCÍA J. M. Role of deep cerebellar nuclei in motor control **493.P**, 9*S*, 1996

DELGADO J.A. *see* SIMONSEN U., PRIETO D., HERNÁNDEZ M., DELGADO J. A., RESELL L., SAENZ DE TEJADA I. & GARCÍA-SACRISTÁN A. **493.P**, 82*S*, 1996

DELGADO S.
DELGADO S., SAN ROMÁN J. I., BRAGADO J., LÓPEZ M. A. & CALVO J. J. Additive effects of PACAP and carbachol on the amylase secretion from isolated rat pancreatic lobules **493.P**, 114*S*, 1996

DELLA MAGGIORE V. *see* ARCE A., SELGAS L., GARCIA-BONACHO M., CASTRILLÓN P. O., DELLA MAGGIORE V., CARDINALI D. P. & ESQUIFINO A. I. **493.P**, 49*S*, 1996

DEL PINO J. *see* GARCÍA-MORENO C., SAN ROMÁN J. I., MARTÍN M., GARCÍA-TALAVERA J. R., CALVO J. J. & DEL PINO J. **493.P**, 137*S*, 1996
*see* GARCÍA-MORENO C., SAN ROMÁN J. I., MARTÍN M., GARCÍA-TALAVERA J. R., CALVO J. J. & DEL PINO J. **493.P**, 138*S*, 1996

DEL REY A. *see* DE LA FUENTE M., DEL RIO M., FERRANDEZ M. D., ORTEGA E., DEL REY A. & BESEDOVSKY H. **493.P**, 51*S*, 1996

DEL REY F.E. *see* MARTINEZ-GALAN J. R., ALTIMIRAS M. S., PEDRAZA P., DEL REY F. E., MORREALE DE ESCOBAR G. & RUIZ-MARCOS A. **493.P**, 126*S*, 1996

DEL RIO C.G. *see* ROMERO C. M., TORRES L. G. & DEL RIO C. G. **493.P**, 75*S*, 1996

DEL RIO M. DEL RIO M. & DE LA FUENTE M. Modulation of immune function by neuropeptides **493.P**, 45*S*, 1996
DEL RIO M., MEDINA S. & DE LA FUENTE M. Bombesin-related peptide modulation of murine lymphocyte chemotaxis requires a soluble factor secreted by macrophages **493.P**, 50*S*, 1996
*see* DE LA FUENTE M., DEL RIO M., FERRANDEZ M. D., ORTEGA E., DEL REY A. & BESEDOVSKY H. **493.P**, 51*S*, 1996
*see* DE LA FUENTE M., DEL RIO M., FERRANDEZ M. D., MEDINA S. & HERNANZ A. **493.P**, 61*S*, 1996
*see* DE LA FUENTE M., RUEDAS G., DEL RIO M., FERRANDEZ M. D., HERNANZ A. & MIQUEL J. **493.P**, 140*S*, 1996

DEL SANTO B. *see* PASTOR-ANGLADA M., CASADO J., FELIPE A., DEL SANTO B. & TARAFA G. **493.P**, 159*S*, 1996

DÉLÈZE J. *see* CRONIER L., DÉLÈZE J., MALASSINÉ A. & HERVÉ J. C. **494.P**, 40*P*, 1996

DE MARCO M.C. *see* BARRUTIA M. G., RODRIGUEZ M., DE MARCO M. C. & ARAHUETES R. M. **493.P**, 92*S*, 1996

DE MENDONCA A. *see* KEMP N., DE MENDONCA A. & BASHIR Z. I. **495.P**, 63*P*, 1996

DE MIGUEL R. *see* CAMPIÓN J., DE MIGUEL R., CARRANZA M. C. & CALLE C. **493.P**, 122*S*, 1996

DEMONCHEAUX E.A.G. *see* SMITH A. P. L., DEMONCHEAUX E. A. G., MANISCALCO M. & HIGENBOTTAM T. W. **491.P**, 100*P*, 1996
DEMONCHEAUX E. A. G., SMITH A. P. L., DAVIES M. & HIGENBOTTAM T. Is nitrite an important physiological circulating nitric oxide (NO) donor? **491.P**, 101*P*, 1996

DEMONTIS G.C.
DEMONTIS G. C. & CERVETTO L. Control of hyperpolarization-activated current ($I_h$) by dopamine and cyclic nucleotides in mammalian retinal rods **491.P**, 12*S*, 1996

DENHOLM E.E. *see* DEBNAM E. S., GRIMBLE G. K., DENHOLM E. E. & BUCKLEY P. **494.P**, 124*P*, 1996

DENNIS M.F. *see* PARKINS C. S., HILL S. A., STRATFORD M. R. L., DENNIS M. F. & CHAPLIN D. J. **491.P**, 10*P*, 1996

DENSLOW N.D. *see* PRICE D. A., DENSLOW N. D., REYNOLDS S., GREENBERG M. J. & COTTRELL G. A. **494.P**, 82*P*, 1996

DENTON R.M. *see* RUTTER G. A., BURNETT P., BRINI M., POZZAN T., TAVARÉ J. M., DENTON R. M. & RIZZUTO R. **493.P**, 16*P*, 1996

DE PALO C.B. *see* DE PALO E. F., GUGELMETTO M., SPINELLA P., GATTI R. & DE PALO C. B. **491.P**, 59*P*, 1996
DE PALO C. B., SPINELLA P., GATTI R., CAPPELLIN E. & DE PALO E. F. The role of haemodynamic events in insulin resistance and postprandial thermogenesis in man **491.P**, 66*P*, 1996
*see* SPINELLA P., DE PALO C. B., CAPPELLIN E., GATTI R. & DE PALO E. F. **491.P**, 82*P*, 1996

DE PALO E.F.
DE PALO E. F., GUGELMETTO M., SPINELLA P., GATTI R. & DE PALO C. B. Influence of physical exercise on growth hormone and its binding protein levels in branched chain amino acid (BCAA)-treated athletes **491.P**, 59*P*, 1996
*see* DE PALO C. B., SPINELLA P., GATTI R., CAPPELLIN E. & DE PALO E. F. **491.P**, 66*P*, 1996
*see* SPINELLA P., DE PALO C. B., CAPPELLIN E., GATTI R. & DE PALO E. F. **491.P**, 82*P*, 1996

DE RUYTER VAN STEVENINCK R.R. *see* LAUGHLIN S. B. & DE RUYTER VAN STEVENINCK R. R. **494.P**, 19*P*, 1996

DESARMÉNIEN M.G. *see* HUSSY N., DELEUZE C., PANTALONI A., DESARMÉNIEN M. G. & MOOS F. **495.P**, 119*P*, 1996

DESPEYROUX S. *see* BEAUDU C., DESPEYROUX S. & AMÉDÉE T. **494.P**, 53*P*, 1996

DE TOLEDO G.A.

*DE TOLEDO G. A.* Release mechanisms of dense core secretory vesicles **493.P**, 146*S*, 1996

DETTMAR P.W. *see DIXON J., JORDAN N., DETTMAR P. W., PEARSON J. P. & ALLEN A.* **495.P**, 105*P*, 1996

DETTMERS C. *see CORFIELD D. R., FINK G. R., MURPHY K., KOBAYASHI I., DETTMERS C., ADAMS L., FRACKOWIAK R. S. J. & GUZ A.* **491.P**, 52*P*, 1996

DEUCHARS J. *see ALI A., DEUCHARS J., HAHN J., PAWELZIK H., WEST D. & THOMSON A. M.* **494.P**, 11*P*, 1996

DEUCHARS S.A. *see TRIPPENBACH T. & DEUCHARS S. A.* **494.P**, 102*P*, 1996

*DEUCHARS S. A.* The development of a neonatal rat brainstem–spinal cord preparation for investigations into the control of sympathetic preganglionic neuronal activity **494.P**, 8*P*, 1996

*DEUCHARS S. A.* The study of synaptic inputs onto sympathetic preganglionic neurones (SPNs) in a brainstem–spinal cord preparation **497.P**, 3*S*, 1996

DEUSCH K. *see WILLIAMS R. M., KLAFFSCHENKEL R. A., BECKER H. D. & DEUSCH K.* **495.P**, 97*P*, 1996

DE VERMETTE R. *see SIMPSON N., NIMROD C., DE VERMETTE R., LEBLANC C. & FOURNIER J.* **494.P**, 34*P*, 1996

DEVÉS R. *see ANGELO S., IRARRÁZABAL C., CARTIER E. & DEVÉS R.* **493.P**, 115*S*, 1996

DE WINTER P. *see MCFARLANE J. P., FOLEY S. J., DE WINTER P., SHAH P. J. R. & CRAGGS M. D.* **497.P**, 16*P*, 1996

DHANJAL M. *see HILLS F. A., FARKAS A., CRAWFORD R., DHANJAL M., OGUEH O. & CHARD T.* **494.P**, 42*P*, 1996

DÍAZ B.

*DÍAZ B., COLMENERO M. D., DÍAZ E., ARCE A., ESQUIFINO A., GARCÍA R. & MARÍN B.* Evidence that the pineal gland of the mother regulates prolactin levels of the offspring **493.P**, 124*S*, 1996

DÍAZ E. *see DÍAZ B., COLMENERO M. D., DÍAZ E., ARCE A., ESQUIFINO A., GARCÍA R. & MARÍN B.* **493.P**, 124*S*, 1996

*see MENTIS G., DÍAZ E., MORAN L. & NAVARRETE R.* **494.P**, 87*P*, 1996

DÍAZ F. *see LEIZEA J. P., GONZÁLEZ C., GRUESO N. A., DÍAZ F., FERNÁNDEZ S. & PATTERSON A. M.* **493.P**, 120*S*, 1996

DÍAZ-GONZÁLEZ R. *see GÓMEZ-ANSÓN B., CARRERO-LÓPEZ V. & DÍAZ-GONZÁLEZ R.* **493.P**, 72*S*, 1996

DÍAZ-LLOPIS M. *see BOSCH-MORELL F., SANZ A., BELDA J., DÍAZ-LLOPIS M. & ROMERO F. J.* **493.P**, 23*S*, 1996

DÍAZ M.E. *see COOK S. J., DÍAZ M. E., CHAMUNORWA J. P., LANCASTER M. K., TRAFFORD A. W., O'NEILL S. C. & EISNER D. A.* **494.P**, 111*P*, 1996

DIAZ S. *see NEGRETTI N., DIAZ S., ELEIZALDE G. & OCTAVIO J. A.* **494.P**, 100*P*, 1996

DIAZ Z. *see NARVÁEZ J. A., DIAZ Z., HEDLUND P. B., AGUIRRE J. A., COVEÑAS R., GONZALEZ-BARON S. & FUXE K.* **493.P**, 75*S*, 1996

DIB R.

*DIB R., GARNER A., MENSAH-BROWN E., BROADBENT K. & SIM A. J. W.* Properties of the apical membrane from different regions of rat and human small intestine **493.P**, 78, 1996

DICK D.J. *see NAZIR S. A., DICK D. J., COEN B. A., SACHS F. & LAB M. J.* **494.P**, 111*P*, 1996

DICKINSON T. *see YOUNG M. R., FLEETWOOD-WALKER S. M., DICKINSON T. & SPARROW H.* **495.P**, 14*S*, 1996

DICKSON S.L. *see HARTLEY D. E., DICKSON S. L. & FORSLING M. L.* **494.P**, 140*P*, 1996

*DICKSON S. L., DOUTRELANT-VILTART O., MCKENZIE D. N. & DYBALL R. E. J.* Somatostatin inhibits arcuate neurones excited by GH-releasing peptide (GHRP-6) in rat hypothalamic slices **495.P**, 109*P*, 1996

DIEGUEZ C. *see CARRO E., MALLO F. & DIEGUEZ C.* **493.P**, 121*S*, 1996

DIÉGUEZ G.

*DIÉGUEZ G., FERNÁNDEZ N., GARCÍA-VILLALÓN A. L., GARCÍA J. L., MONGE L. & GÓMEZ B.* Nitric oxide and nervous regulation of the cerebral circulation **493.P**, 37*S*, 1996

*see FERNÁNDEZ N., GARCÍA-VILLALÓN A. L., GARCÍA J. L., MONGE L., GÓMEZ B. & DIÉGUEZ G.* **493.P**, 73*S*, 1996

*see FERNÁNDEZ N., GARCÍA-VILLALÓN A. L., MONGE L., GÓMEZ B. & DIÉGUEZ G.* **493.P**, 73*S*, 1996

*see GARCÍA-VILLALÓN A. L., MONGE L., FERNÁNDEZ N., GÓMEZ B. & DIÉGUEZ G.* **493.P**, 73*S*, 1996

DIETZ V. *see SCHUBERT M., CURT A., JENSEN L. & DIETZ V.* **494.P**, 65*P*, 1996

DÍEZ A. *see ZULET M. A., DÍEZ A., BARBER A., FERNÁNDEZ-OTERO M. P. & MARTÍNEZ J. A.* **493.P**, 102*S*, 1996

DÍEZ J.

*DÍEZ J.* Is there a role for vascular aldosterone in the regulation of vascular smooth muscle cell contraction and regulation? **493.P**, 64*S*, 1996

DÍEZ-LOZANO J.R.

*DÍEZ-LOZANO J. R., SAN ROMÁN J. I., ESQUERRO E., CALVO J. J. & LÓPEZ M. A.* The influence of gastrin on exocrine pancreatic secretion is probably negligible, as indicated by the lack of effect of omeprazole **493.P**, 115*S*, 1996

DÍEZ-PANERO L.M.

*DÍEZ-PANERO L. M., ELENO N., RODRÍGUEZ-LÓPEZ A., MACLAUGHLIN M., PÉREZ-BARRIOCANAL F. & LÓPEZ-NOVOA J. M.* Differential expression of $\beta$1 and $\beta$2 sodium pump subunits during nephrectomy. Correlation with enzymatic activity **493.P**, 88*S*, 1996

*see FLORES O., CRIADO-JIMÉNEZ M., RIVAS-CABAÑERO L., HIDALGO F., ELENO N., DÍEZ-PANERO L. M., ESTAÑ J. G. & LÓPEZ-NOVOA J. M.* **493.P**, 88*S*, 1996

DIFRANCESCO D. *see ACCILI E., REDAELLI G. & DIFRANCESCO D.* **491.P**, 11*S*, 1996

DIHMIS W.C. *see SULEIMAN M.-S., DIHMIS W. C., CAPUTO M., ANGELINI G. D., HUTTER J. A. & BRYAN A. J.* **491.P**, 160*P*, 1996

DILAZZARO V. *see QUARTARONE A., DILAZZARO V., OLIVIERO A. & ROTHWELL J. C.* **493.P**, 36*P*, 1996

DILLY K.W. *see SMITH R. D., AUSTIN C., DILLY K. W., WRAY S. & EISNER D. A.* **497.P**, 56*P*, 1996

DIMALINE R. *see BATE G. W., VARRO A., DIMALINE R. & DOCKRAY G. J.* **495.P**, 94*P*, 1996

*see DJALI P. K., DIMALINE R. & DOCKRAY G. J.* **495.P**, 95*P*, 1996

DINAN T.G. *see THAKORE J. H. & DINAN T. G.* **494.P**, 143*P*, 1996

DIXON J.

*DIXON J., JORDAN N., DETTMAR P. W., PEARSON J. P. & ALLEN A.* Absence of an adherent mucus gel layer in pig and rat oesophagus **495.P**, 105*P*, 1996

DJALI P.K.

*DJALI P. K., DIMALINE R. & DOCKRAY G. J.* Identification, characterization and regulation of aromatic L-amino acid decarboxylase transcripts in rat gastric antrum **495.P**, 95*P*, 1996

DJAMGOZ M.B.A. *see GRIMES J. A. & DJAMGOZ M. B. A.* **495.P**, 76*P*, 1996

DJOUHRI L.

*DJOUHRI L., BROWN A. G. & SHORT A. D.* Differential effects of upper cervical spinal cord stimulation on dorsal horn spinocerebellar tract cells in mid- and lower lumbar segments in the anaesthetized cat **495.P**, 21*P*, 1996

DOCHERTY J.R. *see O'ROURKE M. & DOCHERTY J. R.* **493.P**, 81*S*, 1996

DOCHERTY M.

*DOCHERTY M.* Antibodies to a cholinergic cell-surface marker alter gene expression and cause reversal of differentiation in a mammalian cell line **491.P**, 95*P*, 1996

DOCHERTY R.J. *see ENGLAND S., BEVAN S. & DOCHERTY R. J.* **491.P**, 145*P*, 1996

DOCKRAY G.J.

*DOCKRAY G. J., VARRO A., VORONINA S. & WANG T.* Regulation of post-translational processing of the gastrin precursor **494.P**, 8*S*, 1996

*see VORONINA S., VARRO A. & DOCKRAY G. J.* **495.P**, 104*P*, 1996

*see BATE G. W., VARRO A., DIMALINE R. & DOCKRAY G. J.* **495.P**, 94*P*, 1996

*see DJALI P. K., DIMALINE R. & DOCKRAY G. J.* **495.P**, 95*P*, 1996

DOHERTY A.J.

*DOHERTY A. J., COLLINGRIDGE G. L. & HENLEY J. M.* $Ca^{2+}$ imaging in the study of metabotropic glutamate receptor pharmacology **493.P**, 9*P*, 1996

DOHERTY P. *see FAZELI S., DOHERTY P. & WALSH F. S.* **495.P**, 6*S*, 1996

DOLAN S.

*DOLAN S. & CAHUSAC P. M. B.* Reduction of NMDA receptor-mediated transmission in the primary somatosensory (SI) cortex following whisker deprivation in the anaesthetized adult rat **493.P**, 41*P*, 1996

DOLLY J.O. *see MCINTOSH P., SOUTHAN A. P., AKHTAR S., SIDERA C., USHKARYOV Y., DOLLY J. O. & ROBERTSON B.* **495.P**, 87*P*, 1996

DOLPHIN A.C.

*DOLPHIN A. C., FITZGERALD E. G., CAMPBELL V., BERROW N., BURLEY R. & BRICKLEY K.* $GABA_B$ receptor coupling to voltage-dependent calcium channels involves $G_o$ and is inhibited by the calcium channel $\beta$ subunit **493.P**, 26*S*, 1996

*see LUKYANETZ E. A., PIPER T. P., DOLPHIN A. C. & SIHRA T. S.* **494.P**, 79*P*, 1996

*see BRICE N. L., BERROW N. S., TEDDER I. J., ODUNLAMI A. A., BRICKLEY K. & DOLPHIN A. C.* **495.P**, 78*P*, 1996

*see* STEPHENS G. J., TEDDER I. J., BERROW N. S., ODUNLAMI A. A. & DOLPHIN A. C. **495.P**, 78*P*, 1996

*see* WYATT C. N., BRICKLEY K. & DOLPHIN A. C. **495.P**, 79*P*, 1996

DOMANSKI J. *see* ZOLADZ J. A., DUDA K., MAJERCZAK J., DOMANSKI J. & EMMERICH J. **491.P**, 58*P*, 1996

DOMÍNGUEZ E. *see* TORRES M. D., CANAL J. R., DOMÍNGUEZ E., CAMPILLO J. E., ROMERO A. & PÉREZ C. **493.P**, 15*S*, 1996

*see* CANAL J. R., DOMÍNGUEZ E., TORRES M. D., CAMPILLO J. E., ROMERO A. & PÉREZ C. **493.P**, 136*S*, 1996

DOMINGUEZ M.F. *see* MONTE M. J., SERRANO M. A., VILLANUEVA G. R., BARBERO E. R., HERRERA M. C., CRIADO J., DOMINGUEZ M. F. & MARIN J. J. G. **493.P**, 162*S*, 1996

DOMSCHKE W. *see* GEADA M., SINGH J., DOMSCHKE W., MOOREN F. CH. & WISDOM D. M. **493.P**, 90*P*, 1996

*see* GEADA M. M., SINGH J., WISDOM D. M., DOMSCHKE W. & MOOREN F. CH. **495.P**, 123*P*, 1996

DONALDSON G.C.

DONALDSON G. C. & KEATINGE W. R. Mortality after cold weather in south-east England **491.P**, 56*P*, 1996

*see* PROTHEROE R. E., RHODES B., YAGCI A. G., DONALDSON G. C. & KEATINGE W. R. **491.P**, 56*P*, 1996

DONALDSON I.M.L. *see* FAHY F. L. & DONALDSON I. M. L. **495.P**, 149*P*, 1996

*see* FAHY F. L. & DONALDSON I. M. L. **495.P**, 150*P*, 1996

DONGA R. *see* FORD T. W., DONGA R., MATSUYAMA K., MORI S., NAKAJIMA K. & KIRKWOOD P. A. **494.P**, 70*P*, 1996

DONI M.G. *see* PADOIN E., MEGGIATO C. & DONI M. G. **494.P**, 127*P*, 1996

DONLON M. *see* WITHERS M., HUSSAIN T., DONLON M., WARD S. A. & WHIPP B. J. **493.P**, 32*P*, 1996

DONNELLY A. *see* CHILD R., BROWN S., DAY S., DONNELLY A., ROPER H. & SAXTON J. **494.P**, 132*P*, 1996

DONNELLY A.E. *see* BROWN S. J., CHILD R. B., DAY S. H. & DONNELLY A. E. **495.P**, 141*P*, 1996

*see* DAY S. H., BROWN S. J., CHILD R. B. & DONNELLY A. E. **495.P**, 141*P*, 1996

DOOLAN C.M.

DOOLAN C. M., O'SULLIVAN G. & HARVEY B. J. Modulation of human colonic intracellular protein kinase C and $Ca^{2+}$ activity by steroid hormones **493.P**, 64, 1996

DOOLEY P.C.

DOOLEY P. C., CHATAMRA K. R. & CHAPMAN R. A. The introduction of proteolytic enzymes into isolated guinea-pig ventricular myocytes by pressure injection through high resistance patch electrodes **493.P**, 3*P*, 1996

DOOLEY P. C. & CHAPMAN R. A. The effect of intracellular trypsin on the calcium ion current in ventricular cardiac myocytes of the guinea-pig **493.P**, 25*P*, 1996

DOORLY D.J. *see* CARO C. G., DOORLY D. J., TARNAWSKI M., MCLEAN M., WADSWORTH J. & DUMOULIN C. L. **497.P**, 69*P*, 1996

DORRINGTON K.L. *see* NAGYOVA B., DORRINGTON K. L. & O'NEILL M. **493.P**, 64*P*, 1996

*see* PEDERSEN M. E. F., DORRINGTON K. L. & ROBBINS P. A. **497.P**, 23*P*, 1996

DOUGHTY I.M.

DOUGHTY I. M., GLAZIER J. D., POWELL T. L., JANSSON T. & SIBLEY C. P. An anion exchanger and a DPC-sensitive conductance in the microvillous membrane of first trimester human placenta **494.P**, 31*P*, 1996

DOUGHTY J.M. *see* FORSYTHE I. D., BREW H. M., BARNES-DAVIES M., RUSZNÁK Z. & DOUGHTY J. M. **493.P**, 26*S*, 1996

DOUGLAS A.J.

*see* REDMOND K., DOUGLAS A. J., BICKNELL R. J. & RUSSELL J. A. **495.P**, 13*P*, 1996

DOUGLAS A. J., JOHNSTONE H., HATZINGER M., NEUMANN I., LANDGRAF R. & RUSSELL J. A. Pregnancy reduces hypothalamo-pituitary-adrenal (HPA) axis secretory responses to stressors in the rat **495.P**, 109*P*, 1996

DOUGLAS I.J.

DOUGLAS I. J., MILEY H. E., SHEADER E. A. & TAYLOR T. R. A video-imaging method for monitoring the volume of cells isolated from the rat pancreas and salivary gland **493.P**, 56*P*, 1996

DOUGLAS R.J. *see* AHMED B., ANDERSON J. C., DOUGLAS R. J., MARTIN K. A. C. & NELSON J. C. **494.P**, 15*P*, 1996

*see* AHMED B., ANDERSON J. C., DOUGLAS R. J., MARTIN K. A. C. & NELSON J. C. **495.P**, 61*P*, 1996

DOUTRELANT-VILTART O. *see* DICKSON S. L., DOUTRELANT-VILTART O., MCKENZIE D. N. & DYBALL R. E. J. **495.P**, 109*P*, 1996

DOWNING J.E.G. *see* VAQUERO C., DE LA VILLA P. & DOWNING J. E. G. **491.P**, 88*P*, 1996

*see* HEAD G. M., KRANZ A., KENDALL M. D. & DOWNING J. E. G. **493.P**, 63*P*, 1996

*see* HEAD G. M. & DOWNING J. E. G. **495.P**, 108*P*, 1996

DOWNING J. E. G., SIMON M. J., AL-ASAM H., MUSTAFA Y. & PERRY M. E. Expression of NADPH-diaphorase and the inducible form of nitric oxide synthase within human tonsillar endothelium and epithelium **495.P**, 130*P*, 1996

*see* OTA D. & DOWNING J. E. G. **495.P**, 58*P*, 1996

DOW R.C. *see* MCQUEEN J. K., WILSON H., DOW R. C. & FINK G. **495.P**, 114*P*, 1996

*see* FINK G., DOW R. C., SUMNER B. E. H., ROSIE R., GRAHAME L. M., BENNIE J. & CARROLL S. **495.P**, 117*P*, 1996

DOYLE C.A.

DOYLE C. A. & SLATER P. Nitric oxide synthase isoenzymes in human hippocampal pyramidal neurons **495.P**, 47*P*, 1996

DRAGO G.A. *see* HUSSAIN M., DRAGO G. A., COLYER J. & ORCHARD C. H. **497.P**, 49*P*, 1996

DRAGO G. A. & HUSSAIN M. Effects of protein kinase and phosphatase inhibitors on the phosphorylation of phospholamban in isolated ferret ventricular myocytes **497.P**, 57*P*, 1996

DRAKE-HOLLAND A.J. *see* CLARKE S. B., DRAKE-HOLLAND A. J., HYND J., NOBLE M. I. M. & SEYMOUR A.-M. L. **493.P**, 28*P*, 1996

*see* CLARKE S. B., DRAKE-HOLLAND A. J., HYND J., WRIGHT Z., MANSARAY M., NOBLE M. I. M. & SEYMOUR A.-M.L. **497.P**, 50*P*, 1996

DRAPER N.J.

DRAPER N. J. & SHAH A. M. Exogenous nitric oxide improves recovery of ventricular function following brief hypoxia in isolated rat hearts **491.P**, 130*P*, 1996

DRINKHILL M.J.

DRINKHILL M. J., MCMAHON N. C., NOBLE B. J., MYERS D. S. & HAINSWORTH R. A method for the independent application of pulsatile pressures to carotid, aortic and coronary baroreceptors in the anaesthetized dog **497.P**, 12*P*, 1996

*see* NOBLE B. J., DRINKHILL M. J., MYERS D. S. & HAINSWORTH R. **497.P**, 68*P*, 1996

*see* MCMAHON N. C., DRINKHILL M. J. & HAINSWORTH R. **497.P**, 72*P*, 1996

DUBLINEAU I.

DUBLINEAU I., FRANÇOIS A., KSAS B. & GRIFFITHS N. M. Modified fluid and electrolyte transport in rat colon *in vivo* after gamma irradiation **493.P**, 70*P*, 1996

DUCHEN M.R.

DUCHEN M. R. Raised intramitochondrial calcium stimulates ATP depletion by the mitochondrial $F_1F_0$-ATPase during metabolic inhibition in single mouse sensory neurons in culture **491.P**, 134*P*, 1996

DUCHEN M. R., LEYSSENS A., MOJET M. H. & PEUCHEN S. Properties of rhod-2 as an indicator of intramitochondrial calcium **494.P**, 6*P*, 1996

*see* MOJET M. H., MILLS E. & DUCHEN M. R. **494.P**, 80*P*, 1996

*see* LEYSSENS A., CROMPTON M. & DUCHEN M. R. **494.P**, 109*P*, 1996

DUDA K. *see* ZOLADZ J. A., DUDA K., MAJERCZAK J., DOMANSKI J. & EMMERICH J. **491.P**, 58*P*, 1996

*see* ZOLADZ J. A., DUDA K. & MAJERCZAK J. **491.P**, 76*P*, 1996

DUDLEY A.J.

DUDLEY A. J. & BROWN C. D. A. Transport of $\beta$-adrenoceptor antagonists across LLC-$PK_1$ cell monolayers **493.P**, 101*P*, 1996

DUFFY M.R.

DUFFY M. R., SLATER J. C. & ROSENBERG M. E. Exercise and auditory function in man **491.P**, 76*P*, 1996

DUFFY S.M. *see* BROWN D. A., MARSH S. J., TROUSLARD J., LEANEY J., DUFFY S. M. & SELYANKO A. A. **493.P**, 28*S*, 1996

DUGGAN A.W. *see* MARK M. A., COLVIN L. A. & DUGGAN A. W. **495.P**, 21*P*, 1996

DUGGAN A. W. Events near the first central synapse **495.P**, 12*S*, 1996

DULOCK K.A. *see* HERSON P. S., DULOCK K. A., ROWE I. C. M. & ASHFORD M. L. J. **495.P**, 86*P*, 1996

DUMOULIN C.L. *see* CARO C. G., DOORLY D. J., TARNAWSKI M., MCLEAN M., WADSWORTH J. & DUMOULIN C. L. **497.P**, 69*P*, 1996

DUNN W.R.

DUNN W. R. Structural properties of isolated, pressurized cerebral resistance arteries, from hypertensive transgenic (TGR (mREN2)27) rats **491.P**, 23*P*, 1996

DUPERE J.R.B.

*DUPERE J. R. B. & USOWICZ M. M.* Multiple types of $Ca^{2+}$ channels in the soma and dendrites of adult rat cerebellar Purkinje cells **494.P**, 84*P*, 1996

DURBABA R.

*DURBABA R. & TAYLOR A.* Implementation of spike train analysis in the frequency domain via the Spike2 package **494.P**, 2*P*, 1996

*see TAYLOR A., ELLAWAY P. H. & DURBABA R.* **495.P**, 23*P*, 1996

*see ELLAWAY P. H., TAYLOR A. & DURBABA R.* **497.P**, 104*P*, 1996

DURIDANOVA D.B. *see PETKOV G. V., DURIDANOVA D. B., GAGOV H. S. & BOEV K. K.* **497.P**, 53*P*, 1996

DUTIA M.B. *see JIA Y., DUTIA M. B. & RUSSELL J. A.* **495.P**, 114*P*, 1996

DYBALL R.E.J. *see JOLLEY C. J., CUI L.-N. & DYBALL R. E. J.* **491.P**, 176*P*, 1996

*see MCKENZIE D. N., DYBALL R. E. J. & FORSLING M. L.* **491.P**, 176*P*, 1996

*see CUI L.-N. & DYBALL R. E. J.* **494.P**, 138*P*, 1996

*DYBALL R. E. J. & MCKENZIE D. N.* Modulation of threshold for antidromic activation in rat neurosecretory nerve terminals *in vivo*; a change which may resemble presynaptic facilitation and inhibition **494.P**, 139*P*, 1996

*see DICKSON S. L., DOUTRELANT-VILTART O., MCKENZIE D. N. & DYBALL R. E. J.* **495.P**, 109*P*, 1996

*see KHAN F. Z., CUI L.-N. & DYBALL R. E. J.* **495.P**, 110*P*, 1996

*see SAEB-PARSY K., CUI L.-N. & DYBALL R. E. J.* **495.P**, 111*P*, 1996

EAD H.W. *see CLARKE J. A., DALY M. DE B., MARSHALL J. M. & EAD H. W.* **495.P**, 29*P*, 1996

EARM Y.E. *see PARK M. K., LEE S. H., HO W.-K. & EARM Y. E.* **497.P**, 77*P*, 1996

EASTWOOD C.

*EASTWOOD C., KREIS M. & GRUNDY D.* Activation of intestinal afferents by Compound 48/80 in the anaesthetized rat: a possible non-mast cell-mediated effect **495.P**, 99*P*, 1996

EATON B.M.

*EATON B. M. & SOORANNA S. R.* Characterization of the choline transport system in superfused microcarrier cultures of BeWo choriocarcinoma cells **494.P**, 40*P*, 1996

EBERHARD A. *see BENCHETRIT G., GENTIL M., MOLDOVANOU I., EBERHARD A., POLLAK P., VOVK V., COULIART V. & BACHY J. P.* **497.P**, 28*P*, 1996

EBERLE L. *see AMASSIAN V. E., CRACCO R. Q., MACCABEE P. J., CRACCO J. B., HASSAN N., VERGARA M. & EBERLE L.* **491.P**, 74*P*, 1996

ECCLES R. *see FLANAGAN P. & ECCLES R.* **491.P**, 53*P*, 1996

ECONOMIDES A. *see PATEL M., ECONOMIDES A. & BYRNE N.* **497.P**, 77*P*, 1996

ECONOMIDES A.P. *see CLARK G. S., ECONOMIDES A. P. & BYRNE N. G.* **497.P**, 45*P*, 1996

EDELINE J.-M. *see NODAL F. R., MANUNTA Y., EDELINE J.-M. & BAJO V. M.* **493.P**, 15*S*, 1996

*see LOCATELLI C., ERIKSSON C., BAJO V., EDELINE J.-M., LIBERATI D., VANTINI G. & VILLA A. E. P.* **493.P**, 20*S*, 1996

*see VANTINI G., BAJO V., EDELINE J.-M. & VILLA A. E. P.* **493.P**, 21*S*, 1996

EDELMAN A. *see BOUYER P., THOMAS S. R., COUGNON M., EDELMAN A., ANAGNOSTOPOULOS T. & PLANELLES G.* **493.P**, 99*P*, 1996

*see MOHAMMAD-PANAH R., LIPECKA J., FANEN P., BAUDOUIN-LEGROS M., BARÓ I., PLANELLES G. & EDELMAN A.* **493.P**, 101*P*, 1996

EDER U. *see MCQUEEN D. S., WINKLER H., EDER U., TIMM M., DASHWOOD M. R. & BOND S. M.* **495.P**, 20*P*, 1996

EDGAR J. *see MACLEOD N., EDGAR J. & JOHNSTON A.* **495.P**, 153*P*, 1996

EDGLEY S.A. *see AGGELOPOULOS N. C., BAKER M. R., EDGLEY S. A. & LIDIERTH M.* **491.P**, 178*P*, 1996

*see LEMON R. N., OLIVIER E., EDGLEY S. A. & ARMAND J.* **493.P**, 8*S*, 1996

EDMONDS B. *see WYLLIE D., BÉHÉ P., EDMONDS B., NASSAR M., SCHOEPFER R. & COLQUHOUN D.* **491.P**, 135*P*, 1996

EDWARDS A.V. *see RODERICK G.-P., BOWMAN E. C. J. & EDWARDS A. V.* **493.P**, 32*P*, 1996

EDWARDS F.R. *see HIRST G. D. S., BRAMICH N. J., COUSINS H. M. & EDWARDS F. R.* **497.P**, 2*S*, 1996

EDWARDS J.P.

*EDWARDS J. P., HATTON P. A., LITTLE R. A. & WAREHAM A. C.* The effect of scald injury on neuromuscular transmission in the rat **495.P**, 68*P*, 1996

EGGINTON S. *see ZHOU A.-L., EGGINTON S. & HUDLICKA O.* **491.P**, 28*P*, 1996

EGLETON R.D.

*EGLETON R. D., ABBOTT N. J. & BRADBURY M. W. B.* Uptake of transferrin-bound metals by an immortalized rat brain endothelial cell line (RBE4) **491.P**, 34*P*, 1996

EINSIEDEL L.J. *see LUFF A. R., CICCOTOSTO G. D. & EINSIEDEL L. J.* **495.P**, 152*P*, 1996

EIPPER B.A.

*EIPPER B. A. & MAINS R. E.* Targeting of soluble and membrane forms of peptidylglycine α-amidating mono-oxygenase in AtT-20 cells **494.P**, 7*S*, 1996

EISMANN E. *see BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V.* **491.P**, 146*P*, 1996

*see BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V.* **491.P**, 9*S*, 1996

EISNER D.A. *see SMITH R. D., SHMIGOL A. V., TAGGART M. J., WRAY S. & EISNER D. A.* **491.P**, 168*P*, 1996

*see COOK S. J., DÍAZ M. E., CHAMUNORWA J. P., LANCASTER M. K., TRAFFORD A. W., O'NEILL S. C. & EISNER D. A.* **494.P**, 111*P*, 1996

*see BUXTON N., OVEREND C. L., MILL J. G., COOK L. J., COOK S. J., O'NEILL S. C. & EISNER D. A.* **495.P**, 86*P*, 1996

*see OVEREND C. L., MILL J. G., COOK L. J., COOK S. J., EISNER D. A. & O'NEILL S. C.* **497.P**, 47*P*, 1996

*see SMITH R. D., AUSTIN C., DILLY K. W., WRAY S. & EISNER D. A.* **497.P**, 56*P*, 1996

ELEIZALDE G. *see NEGRETTI N., DIAZ S., ELEIZALDE G. & OCTAVIO J. A.* **494.P**, 100*P*, 1996

ELENO N. *see DÍEZ-PANERO L. M., ELENO N., RODRÍGUEZ-LÓPEZ A., MACLAUGHLIN M., PÉREZ-BARRIOCANAL F. & LÓPEZ-NOVOA J. M.* **493.P**, 88*S*, 1996

*see FLORES O., CRIADO-JIMÉNEZ M., RIVAS-CABAÑERO L., HIDALGO F., ELENO N., DÍEZ-PANERO L. M., ESTAÑ J. G. & LÓPEZ-NOVOA J. M.* **493.P**, 88*S*, 1996

EL-FAKAHANY E.E. *see JAKUBÍK J., BAČÁKOVÁ L., EL-FAKAHANY E. E. & TUČEK S.* **491.P**, 138*P*, 1996

ELGORT A. *see SHIELDS D., CHEN Y., LING W. L. W., AUSTIN C., ELGORT A. & WU F.* **494.P**, 5*S*, 1996

EL HAJ A.J. *see AHMED M. A. A. S., WALKER L. M., PUBLICOVER S. J. & EL HAJ A. J.* **497.P**, 126*P*, 1996

ELHAMRI M.

*ELHAMRI M. & WHITE S. J.* Stimulation of $Na^+$–$H^+$ exchange by aldosterone in rat kidney cortical collecting duct (CCD) *in vitro* **497.P**, 91*P*, 1996

ELLAWAY P.H.

*ELLAWAY P. H., RAWLINSON S. R., LEWIS H. S., DAVEY N. J. & MASKILL D. W.* Magnetic stimulation applied over skeletal muscle elicits contraction via motor nerve axons in the cat **493.P**, 36*P*, 1996

*see TAYLOR A., ELLAWAY P. H. & DURBABA R.* **495.P**, 23*P*, 1996

*ELLAWAY P. H., TAYLOR A. & DURBABA R.* Modulation of muscle spindle afferent discharge by $bag_1$, $bag_2$ and chain intrafusal fibres **497.P**, 104*P*, 1996

*see SMITH H. C., DAVEY N. J., MASKILL D. W., SAVIC G. & ELLAWAY P. H.* **497.P**, 104*P*, 1996

ELLIOTT A.A. *see HARROLD J. A., ELLIOTT J. R. & ELLIOTT A. A.* **491.P**, 89*P*, 1996

*ELLIOTT A. A. & ELLIOTT J. R.* Phenol inhibition of rat brain RCK1 (Kv1.1) $K^+$ channels expressed in *Xenopus* oocytes: implications for action potential firing in excitable cells **493.P**, 81*P*, 1996

*ELLIOTT A. A. & ELLIOTT J. R.* Channel-specific actions of *n*-octyl and *n*-dodecyl sulphate anions on RCK1, RCK4 and *Shaker* B $K^+$ channels expressed in *Xenopus* oocytes **495.P**, 75*P*, 1996

*see HARROLD J. A., ELLIOTT J. R. & ELLIOTT A. A.* **497.P**, 127*P*, 1996

ELLIOTT A.C. *see VAN DE PUT F. H. M. M., LYGATE C. P. & ELLIOTT A. C.* **493.P**, 57*P*, 1996

ELLIOTT G.F. *see COOMBER S. J. & ELLIOTT G. F.* **494.P**, 131*P*, 1996

*see COOMBER S. J., DE HAAN A. & ELLIOTT G. F.* **497.P**, 39*P*, 1996

ELLIOTT J.R. *see HARROLD J. A., ELLIOTT J. R. & ELLIOTT A. A.* **491.P**, 89*P*, 1996

*see ELLIOTT A. A. & ELLIOTT J. R.* **493.P**, 81*P*, 1996

*see BUCHANAN S., ELLIOTT J. R. & HARPER A. A.* **495.P**, 67*P*, 1996

*see ELLIOTT A. A. & ELLIOTT J. R.* **495.P**, 75*P*, 1996

*see RUSH A. M. & ELLIOTT J. R.* **497.P**, 114*P*, 1996

*see HARROLD J. A., ELLIOTT J. R. & ELLIOTT A. A.* **497.P**, 127*P*, 1996

ELLIS D. *see HANDY R. D., ELLIS D., GOW I. F. & FLATMAN P. W.* **495.P**, 168*P*, 1996

ELLORY J.C. *see BASAVAPPA S., MOBASHERI A. & ELLORY J. C.* **491.P**, 150*P*, 1996

*see THOMPSON I., FLANAGAN G. & ELLORY J. C.* **493.P**, 92*P*, 1996

*see HUANG C.-C., BASAVAPPA S. & ELLORY J. C.* **493.P**, 93*P*, 1996

*see MOBASHERI A., GOLDING S., POCOCK A. E., ELLORY J. C., HALL A. C., URBAN J. P. G. & FRANCIS M. J. O.* **494.P**, 59*P*, 1996

*see HANSSEN H., MENDES RIBEIRO A. C., CONWAY M., MANN G. E. & ELLORY J. C.* **494.P**, 112*P*, 1996

Ellwood A.J.

*Ellwood A. J. & Curtis M. J.* Shear stress and NO release in the guinea-pig Langendorff (constant pressure) preparation **497.P**, 78*P*, 1996

El-Mir M.Y. *see Monte M. J., Morales A. I., Alvaro I., Macias R. I. R., Palomero M. F., El-Mir M. Y. & Marin J. J. G.* **493.P**, 163*S*, 1996

El-Omar M.

*El-Omar M., Kulangara S. & Casadei B.* Non-neural component of respiratory sinus arrhythmia in patients with chronic heart failure (CHF) and in age-matched healthy subjects **497.P**, 14*P*, 1996

El-Sharkawy T.Y.

*El-Sharkawy T. Y. & Arafat K.* Regional differences in the inhibitory innervation of isolated rat gastrointestinal smooth muscles **495.P**, 100*P*, 1996

Elwes R.D.C. *see Alarcón G., García Seoane J. J., Juler J., Binnie C. D., Polkey C. E., Elwes R. D. C. & Blasco J. O.* **493.P**, 30*S*, 1996

Emery C.J. *see Liu X., Bee D., Emery C. J. & Barer G. R.* **494.P**, 92*P*, 1996

Emmerich J. *see Zoladz J. A., Duda K., Majerczak J., Domanski J. & Emmerich J.* **491.P**, 58*P*, 1996

England S.

*England S., Bevan S. & Docherty R. J.* Prostaglandin $E_2$ modifies tetrodotoxin-resistant sodium current in neonatal rat dorsal root ganglion neurones in culture **491.P**, 145*P*, 1996

Enrich C.

*Enrich C., Vergés M., Pol A. & Ortega D.* Endocytic function during liver regeneration **493.P**, 158*S*, 1996

Erdemli G.

*Erdemli G. & Krnjević K.* Analysis of hypoxia-induced outward current in CA1 neurons recorded in rat hippocampal slices by whole-cell patch clamp **491.P**, 138*P*, 1996

*Erdemli G. & Kullmann D. M.* Long-term potentiation of NMDA receptor-mediated signals in CA1 pyramidal cells of guinea-pig hippocampal slices: evidence for an increase in transmitter release probability **494.P**, 81*P*, 1996

Eriksen M. *see Søvik S., Lossius K., Eriksen M., Grøgaard J. & Walløe L.* **494.P**, 36*P*, 1996

*see Bergersen T. K., Eriksen M. & Walløe L.* **494.P**, 97*P*, 1996

Eriksson C. *see Eriksson J., Locatelli C., Eriksson C., Bajo V. & Villa A. E. P.* **493.P**, 14*S*, 1996

*see Locatelli C., Eriksson C., Bajo V., Edeline J.-M., Liberati D., Vantini G. & Villa A. E. P.* **493.P**, 20*S*, 1996

Eriksson J.

*Eriksson J., Locatelli C., Eriksson C., Bajo V. & Villa A. E. P.* Early activation in the auditory system and decision-making paradigm in the rat **493.P**, 14*S*, 1996

*see Rouiller E. M., Bajo V., Eriksson J. & Villa A. E. P.* **493.P**, 21*S*, 1996

Ernsting J. *see Rowlands S. D. & Ernsting J.* **491.P**, 3*P*, 1996

Escribano B.M. *see Muñoz A., Santisteban R., Rubio M. D., Agüera E. I., Escribano B. M. & Castejón F. M.* **493.P**, 16*S*, 1996

*see Muñoz A., Castejón F. M., Tovar P., Vivo R., Escribano B. M. & Santisteban R.* **493.P**, 17*S*, 1996

*see Fernández P., Tovar P., Santisteban R., Agüera E. I., Escribano B. M. & Rubio M. D.* **493.P**, 76*S*, 1996

*see Tovar P., Rubio M. D., Escribano B. M., Muñoz A. & Santisteban R.* **493.P**, 76*S*, 1996

*see Rubio M. D., Escribano B. M., Tovar P., Agüera E. I., Muñoz A. & Castejón F. M.* **493.P**, 141*S*, 1996

*see Agüera E. I., Rubio M. D., Vivo R., Agüera S., Escribano B. M., Muñoz A. & Castejon F. M.* **493.P**, 142*S*, 1996

*Escribano B. M., Riber C., Muñoz A., Tovar P., Agüera E. I. & Rubio M. D.* Blood changes in horses subjected to endurance trials **493.P**, 142*S*, 1996

Escrivá F. *see Agote M., Escrivá F., Goya L., Álvarez C., Martín M. A. & Pascual-Leone A. M.* **493.P**, 135*S*, 1996

Escudero M. *see Moreno-López B., Escudero M. & Estrada C.* **493.P**, 35*S*, 1996

Esquerro E. *see Díez-Lozano J. R., San Román J. I., Esquerro E., Calvo J. J. & López M. A.* **493.P**, 115*S*, 1996

*see Maroto R., de la Fuente M. T., Zapater P., Abad F. & Esquerro E.* **493.P**, 127*S*, 1996

Esquifino A. *see Díaz B., Colmenero M. D., Díaz E., Arce A., Esquifino A., García R. & Marín B.* **493.P**, 124*S*, 1996

Esquifino A.I. *see Castrillón P. O., García-Bonacho M., Selgas L., Esquifino A. I. & Arce A.* **493.P**, 48*S*, 1996

*see Selgas L., Arce A., García-Bonacho M., Castrillon P. O. & Esquifino A. I.* **493.P**, 48*S*, 1996

*see Arce A., Castrillón P. O., Selgas L., Garcia-Bonacho M. & Esquifino A. I.* **493.P**, 49*S*, 1996

*see Arce A., Selgas L., Garcia-Bonacho M., Castrillón P. O., Della Maggiore V., Cardinali D. P. & Esquifino A. I.* **493.P**, 49*S*, 1996

*see Lafuente M. A., González M. E. & Esquifino A. I.* **493.P**, 49*S*, 1996

*see García-Bonacho M., Castrillón P. O., Arce A., Selgas L. & Esquifino A. I.* **493.P**, 52*S*, 1996

Estañ J.G. *see Flores O., Criado-Jiménez M., Rivas-Cabañero L., Hidalgo F., Eleno N., Díez-Panero L. M., Estañ J. G. & López-Novoa J. M.* **493.P**, 88*S*, 1996

Estrada C. *see Moreno-López B., Escudero M. & Estrada C.* **493.P**, 35*S*, 1996

Europe-Finner G.N.

*Europe-Finner G. N., Phaneuf S., Mardon H. J. & López Bernal A.* Human myometrial $G\alpha_s$-small (+ serine) and $G\alpha_s$-large (+ serine) mRNA splice variants promote the increased expression of 46 and 54 kD $G\alpha_s$ protein isoforms in pregnancy and their down-regulation during labour **491.P**, 166*P*, 1996

*see Phaneuf S., Carrasco M. P., Asbóth G., Europe-Finner G. N., Hamilton C. H. & López Bernal A.* **491.P**, 169*P*, 1996

Evans A.A.L.

*Evans A. A. L., Khan S. & Smith M. E.* Effect of $\beta$-endorphin on glucose uptake in contracting and non-contracting mouse diaphragm muscle *in vitro* **494.P**, 132*P*, 1996

Evans A.E. *see Stubbs T. A., Evans A. E., Perry A. J., Hawkins M. & Macdonald I. A.* **491.P**, 66*P*, 1996

Evans M.J. *see Kibble J. D., Garner C., Colledge W. H., Evans M. J. & Brown P. D.* **495.P**, 80*P*, 1996

Evans R.H. *see Cao C. Q., Tse H.-W., Evans R. H., Headley P. M. & Jane D. E.* **493.P**, 51*P*, 1996

Evans S.J. *see Dalton G. R., Levi A. J., Evans S. J. & Jones J. V.* **491.P**, 158*P*, 1996

*see Mays J. L., Salmon A. H. J., Dalton G. R., Evans S. J., Jones J. V. & Levi A. J.* **493.P**, 28*P*, 1996

Exposito I.

*Exposito I., Oaknin S. & Mora F.* Decrease of extracellular aspartic acid concentration produced by a M1 muscarinic receptor agonist in the striatum of the conscious rat **493.P**, 18*S*, 1996

*see Oaknin S., Exposito I. & Mora F.* **493.P**, 62*S*, 1996

Expósito I. *see Aguilar J. S., Oaknin S., Ramos A., Expósito I., Rodríguez-Ferrer C. R. & Rotllán P.* **493.P**, 24*S*, 1996

Eyre J.A. *see McClelland V. M., Miller S. & Eyre J. A.* **494.P**, 22*P*, 1996

*see Saweirs M., Eyre J. A. & Miller S.* **494.P**, 22*P*, 1996

Eyre-Todd R.A. *see Davies A., Pirie L. & Eyre-Todd R. A.* **495.P**, 158*P*, 1996

Fagiolini M. *see Maffei L., Fagiolini M. & Pizzorusso T.* **495.P**, 7*S*, 1996

Fahy F.L.

*Fahy F. L. & Donaldson I. M. L.* Extraocular muscle proprioception and the vestibulo-ocular reflex (VOR) in the pigeon **495.P**, 149*P*, 1996

*Fahy F. L. & Donaldson I. M. L.* Primary afferent signals from pigeon extraocular muscles **495.P**, 150*P*, 1996

Fain G.L. *see Matthews H. R., Cornwall M. C. & Fain G. L.* **495.P**, 178*P*, 1996

Fanen P. *see Mohammad-Panah R., Lipecka J., Fanen P., Baudouin-Legros M., Baró I., Planelles G. & Edelman A.* **493.P**, 101*P*, 1996

Farkas A. *see Hills F. A., Farkas A., Crawford R., Dhanjal M., Ogueh O. & Chard T.* **494.P**, 42*P*, 1996

Farrant M.

*Farrant M., Brickley S.G. & Cull-Candy S. G.* Methods for comparing the conductance and kinetic properties of synaptic and extrasynaptic receptors **494.P**, 7*P*, 1996

*see Silver R. A., Farrant M. & Cull-Candy S. G.* **494.P**, 85*P*, 1996

Fatehi-Hassanabad Z.

*Fatehi-Hassanabad Z., Furman B. L. & Parratt J. R.* Endothelium and ischaemic preconditioning in rat isolated perfused hearts **494.P**, 112*P*, 1996

Faura M. *see Bachs O., Agell N., Bosser R., Castro A., Faura M., Jaumot M., Pancetti F., Pujol M. J. & Rius E.* **493.P**, 158*S*, 1996

Fawcett J.M.

*Fawcett J. M., Hulme J. T., Harrison S. M., Walker J. H. & Orchard C. H.* Imaging of annexin relocation in isolated rat ventricular myocytes **497.P**, 57*P*, 1996

FAZELI S.

*FAZELI S., DOHERTY P. & WALSH F. S.* Molecular analysis of the development and regeneration of neuromuscular interactions: a transgenic approach **495.P**, 6*S*, 1996

FEATHERSTONE D.

*FEATHERSTONE D., RICHMOND J. E. & RUBEN P. C.* Fast and slow inactivation of voltage-gated rat skeletal muscle sodium channels expressed in *Xenopus* oocytes **495.P**, 72*P*, 1996

FEATHERSTONE N.

*FEATHERSTONE N., COX V., WRIGHT H. & GOLDSPINK D.* Biochemical and histochemical analysis of rabbit latissimus dorsi muscles after 3 weeks of 10 Hz continuous or 60 Hz burst electrical stimulation **497.P**, 40*P*, 1996

FELIPE A. *see PASTOR-ANGLADA M., CASADO J., FELIPE A., DEL SANTO B. & TARAFA G.* **493.P**, 159*S*, 1996

FENECH C. *see TARE M., GORDIENKO D. V., PARVEEN S., FENECH C., ROBINSON C. & BOLTON T. B.* **491.P**, 90*P*, 1996

FENTEM P.H. *see NEVILL A. M., MOCKETT S. P. & FENTEM P. H.* **491.P**, 81*P*, 1996

*see BASSEY E. J., MOCKETT S. P. & FENTEM P. H.* **491.P**, 84*P*, 1996

FERGUSON I.T. *see CROWDY K., HOLLANDS M. A., MONTGOMERY A. S., MARPLE-HORVAT D. E., ARMSTRONG D. M. & FERGUSON I. T.* **493.P**, 14*P*, 1996

FERGUSON R.A.

*FERGUSON R. A., BROWN M. D., MIAN R. & GARNHAM A.* Surface ultrastructural changes in human leucocytes following submaximal exercise **491.P**, 81*P*, 1996

*FERGUSON R. A., BROWN M. D., BLAKELY T. & FOWLER A.* Attenuation of the pressor response to sustained isometric handgrip exercise in trained athletes **495.P**, 136*P*, 1996

FERNÁNDEZ E.

*FERNÁNDEZ E., RUIZ J., MORÁN D., GONZÁLEZ-BUITRAGO J. M., GALÁN A. I., MUÑOZ M. E. & JIMÉNEZ R.* Hepatobiliary transport of organic anions during a pharmacological cholestasis **493.P**, 113*S*, 1996

*see GALÁN A. I., FERNÁNDEZ E., MORENO C., GONZÁLEZ-BUITRAGO J. M., MUÑOZ M. E. & JIMÉNEZ R.* **493.P**, 113*S*, 1996

*see MORÁN D., GALÁN A. I., FERNÁNDEZ E., MORENO C., JIMÉNEZ R. & MUÑOZ M. E.* **493.P**, 114*S*, 1996

FERNÁNDEZ J.

*FERNÁNDEZ J. & VALDEOLMILLOS M.* Glucose-dependent $[Ca^{2+}]_i$ oscillations in mouse pancreatic islets of Langerhans recorded *in vivo* **491.P**, 91*P*, 1996

FERNÁNDEZ J.L.G.

*FERNÁNDEZ J. L. G., RIVERA L., GARCÍA LÓPEZ P., RECIO P. & GARCÍA-SACRISTÁN A.* $M_2$ muscarinic receptors mediate cholinergic contraction of the canine prostate gland **493.P**, 166*S*, 1996

*FERNÁNDEZ J. L. G., RIVERA L., GARCÍA LÓPEZ P., RECIO P. & GARCÍA-SACRISTÁN A.* Regional differences of muscarinic cholinergic contraction and spontaneous activity of the dog prostate gland **493.P**, 166*S*, 1996

*see ORDAZ E., PRIETO D., HERNÁNDEZ M., SIMONSEN U., FERNÁNDEZ J. L. G. & GARCÍA-SACRISTÁN A.* **493.P**, 167*S*, 1996

FERNANDEZ M.I.E. *see ALVAREZ J. E. C., FERNANDEZ M. I. E. & GUERRERO A. P.* **493.P**, 123*S*, 1996

FERNÁNDEZ M.M. *see VELASCO C., MORÁN A., FERNÁNDEZ M. M., PRIETO P., MARTÍN M. L. & SAN ROMÁN L.* **493.P**, 75*S*, 1996

FERNÁNDEZ N. *see DIÉGUEZ G., FERNÁNDEZ N., GARCÍA-VILLALÓN A. L., GARCÍA J. L., MONGE L. & GÓMEZ B.* **493.P**, 37*S*, 1996

*FERNÁNDEZ N., GARCÍA-VILLALÓN A. L., GARCÍA J. L., MONGE L., GÓMEZ B. & DIÉGUEZ G.* Vasopressin effects on the coronary circulation of anaesthetized goats **493.P**, 73*S*, 1996

*FERNÁNDEZ N., GARCÍA-VILLALÓN A. L., MONGE L., GÓMEZ B. & DIÉGUEZ G.* Endothelin-1 action on the coronary circulation during hypertension and hypotension in anaesthetized goats **493.P**, 73*S*, 1996

*see GARCÍA-VILLALÓN A. L., MONGE L., FERNÁNDEZ N., GÓMEZ B. & DIÉGUEZ G.* **493.P**, 73*S*, 1996

FERNÁNDEZ O.

*FERNÁNDEZ O., TAVARES E., MURILLO M. L. & CARRERAS O.* Effect of alcohol on the intestinal absorption and the enterohepatic circulation of folates **493.P**, 111*S*, 1996

FERNÁNDEZ-OTERO M.P. *see ZULET M. A., DÍEZ A., BARBER A., FERNÁNDEZ-OTERO M. P. & MARTÍNEZ J. A.* **493.P**, 102*S*, 1996

*see MORENO M. J., ARENAS J. C., BERJÓN A. & FERNÁNDEZ-OTERO M. P.* **493.P**, 143*S*, 1996

FERNÁNDEZ P.

*FERNÁNDEZ P., TOVAR P., SANTISTEBAN R., AGÜERA E. I., ESCRIBANO B. M. & RUBIO M. D.* Comparative study of Iberica and Duroc breed piglets: ECG and plasma electrolytes **493.P**, 76*S*, 1996

FERNÁNDEZ R.

*FERNÁNDEZ R., CALLE E., LAFARGA M. & BERCIANO M. T.* Apoptosis in Schwann cells in tellurium-induced neuropathy **493.P**, 164*S*, 1996

FERNÁNDEZ-RIVAS A. *see VARGAS F., FERNÁNDEZ-RIVAS A. & OSUNA A.* **493.P**, 78*S*, 1996

FERNÁNDEZ S. *see LEIZEA J. P., GONZÁLEZ C., GRUESO N. A., DÍAZ F., FERNÁNDEZ S. & PATTERSON A. M.* **493.P**, 120*S*, 1996

FERRAGUT J.A. *see ALEU J., IVORRA I., LEJARRETA M., GAL B., GONZÁLEZ-ROS J. M., FERRAGUT J. A. & MORALES A.* **493.P**, 163*S*, 1996

FERRANDEZ M.D. *see DE LA FUENTE M., RUEDAS G., DEL RIO M., FERRANDEZ M. D., HERNANZ A. & MIQUEL J.* **493.P**, 140*S*, 1996

*see DE LA FUENTE M., DEL RIO M., FERRANDEZ M. D., ORTEGA E., DEL REY A. & BESEDOVSKY H.* **493.P**, 51*S*, 1996

*see DE LA FUENTE M., DEL RIO M., FERRANDEZ M. D., MEDINA S. & HERNANZ A.* **493.P**, 61*S*, 1996

FERRÁNDEZ M.D.

*FERRÁNDEZ M. D., GARCÍA I., MALLA A. & DE LA FUENTE M.* Changes in macrophage functions associated with a physical training program **493.P**, 139*S*, 1996

FERRARI G. *see PATRINI C., LAFORENZA U., GASTALDI G., VERRI A., FERRARI G. & RINDI G.* **493.P**, 100*S*, 1996

FERRER R. *see TORRAS-LLORT M., SORIANO-GARCÍA J. F., FERRER R. & MORETÓ M.* **493.P**, 108*S*, 1996

FERRI M.J. *see CAROL M., RODRÍGUEZ-PALMERO M., PELEGRÍ C., FERRI M. J., FRANCH A., GARCÍA-VALERO J., CASTELLOTE C. & CASTELL M.* **493.P**, 109*S*, 1996

FERRI R.

*FERRI R., BOSCH-MORELL F., ROMERO M. J., GARCÍA-GRANERO E. & ROMERO F. J.* Ischaemia/reperfusion of the rat colon: glutathione content and transmural $PO_2$ and $PCO_2$ of the intestinal wall and glutathione depletion in liver **493.P**, 105*S*, 1996

FERRY C.B. *see AMOS M. L., SMITH M. E. & FERRY C. B.* **491.P**, 146*P*, 1996

FILIPPOV A.K.

*FILIPPOV A. K. & BROWN D. A.* Activation of nucleotide receptors inhibits calcium currents in a rodent neuronal cell line **491.P**, 88*P*, 1996

FILIPPOVA N.

*FILIPPOVA N., MEDINA I., BAKHRAMOV A. & BREGESTOVSKI P.* $Ca^{2+}$-dependent transient inactivation and run-down of NMDA currents are differentially regulated **491.P**, 135*P*, 1996

FILLENZ M. *see BOUTELLE M. G. & FILLENZ M.* **491.P**, 29*P*, 1996

FINDLAY J.B.C. *see QUINN C., LEACH R., OWEN J. M., ZANG W. J., HOPKINS P., FINDLAY J. B. C. & BOYETT M. R.* **497.P**, 46*P*, 1996

FINE L.G.

*FINE L. G. & KITAMURA M.* Transfer of genes into the kidney **493.P**, 67*S*, 1996

FINK G. *see MCQUEEN J. K., WILSON H., DOW R. C. & FINK G.* **495.P**, 114*P*, 1996

*FINK G., DOW R. C., SUMNER B. E. H., ROSIE R., GRAHAME L. M., BENNIE J. & CARROLL S.* 5-Hydroxytryptamine$_{2A}$ receptor antagonists block the oestradiol-17$\beta$-induced surge of luteinizing hormone-releasing hormone (LHRH) into hypophysial portal blood but do not affect LHRH synthesis **495.P**, 117*P*, 1996

*see MURPHY K., CORFIELD D. R., GUZ A., FINK G., HARRISON J., WISE R. J. S. & ADAMS L.* **497.P**, 22*P*, 1996

FINK G.R. *see CORFIELD D. R., FINK G. R., MURPHY K., KOBAYASHI I., DETTMERS C., ADAMS L., FRACKOWIAK R. S. J. & GUZ A.* **491.P**, 52*P*, 1996

FINLAY A.L.

*FINLAY A. L., MORLAND A. B. & RUDDOCK K. H.* Non-retinotopic interactions between motion and colour in abnormal human visual responses **497.P**, 63*P*, 1996

FISH H. *see JOHNS E. C., HODSON E. A. M., FISH H., LYMN J. S., THURSTON H., MULLIGAN I. P. & ASHLEY C. C.* **497.P**, 51*P*, 1996

FITZGERALD E.G. *see DOLPHIN A. C., FITZGERALD E. G., CAMPBELL V., BERROW N., BURLEY R. & BRICKLEY K.* **493.P**, 26*S*, 1996

FITZJOHN S.M.

*FITZJOHN S. M., LODGE D. & COLLINGRIDGE G. L.* Long-term depression of synaptic transmission induced by group I metabotropic glutamate receptor activation in the CA1 region on the rat hippocampus *in vitro* **493.P**, 49*P*, 1996

FITZPATRICK J.M. *see* YOUNG L., SWEENEY P., RYAN M. & FITZPATRICK J.M. **497.P**, 88*P*, 1996

FLADEBY C. *see* GRINDE E., NÆSS V., FLADEBY C. & SERCK-HANSSEN G. **493.P**, 126*S*, 1996

FLANAGAN G. *see* THOMPSON I., FLANAGAN G. & ELLORY J.C. **493.P**, 92*P*, 1996

FLANAGAN P.

*FLANAGAN P. & ECCLES R.* The normal range of unilateral nasal airflow in healthy human volunteers **491.P**, 53*P*, 1996

FLATMAN P.W.

*FLATMAN P. W. & SMITH L. M.* Properties of magnesium efflux from magnesium-loaded ferret red cells **495.P**, 123*P*, 1996

*see* HANDY R. D., ELLIS D., GOW I. F. & FLATMAN P. W. **495.P**, 168*P*, 1996

FLEETWOOD-WALKER S.M.

*FLEETWOOD-WALKER S. M., PARKER R. M. C. & MUNRO F. E. In situ* hybridization histochemistry in the study of nociceptive mediators **491.P**, 16*S*, 1996

*see* YOUNG M. R., FLEETWOOD-WALKER S. M., DICKINSON T. & SPARROW H. **495.P**, 14*S*, 1996

*see* HEPPENSTALL P. A. & FLEETWOOD-WALKER S. M. **495.P**, 15*S*, 1996

FLEIDERVISH I.A.

*FLEIDERVISH I. A., AMDOUR B. L., WHITE E. L. & GUTNICK M. J.* Injection of tetanus toxin into rat neocortex causes complete functional deafferentation of a subpopulation of neurones **494.P**, 88*P*, 1996

FLEISCHER S. *see* NIXON G. F., LESH R. E., FLEISCHER S., SOMLYO A. P. & SOMLYO A. V. **491.P**, 46*P*, 1996

FLETCHER R.M. *see* BAILEY M. A., FLETCHER R. M., WOODROW D. F., UNWIN R. J. & WALTER S. J. **493.P**, 95*P*, 1996

FLETT G.G. *see* MCCAIG C. D., FLETT G. G., ZHAO M., AGIUS-FERNANDEZ A. & FORRESTER J. V. **495.P**, 65*P*, 1996

FLITNEY E.F. *see* LAMB J. F., FLITNEY E. F. & LAZARUS C. **495.P**, 81*P*, 1996

FLOR B. *see* SEGARRA G., MEDINA P., NOGUERA I., ALDASORO M., VILA J. M., FLOR E. & LLUCH S. **493.P**, 79*S*, 1996

FLORES N.A.

*FLORES N. A., BOTCHWAY A., COHEN H., FRY C. H. & SHERIDAN D. J.* Electrophysiological changes in isolated guinea-pig ventricular myocytes following exposure to products of the platelet release reaction **497.P**, 55*P*, 1996

FLORES O.

*FLORES O., CRIADO-JIMÉNEZ M., RIVAS-CABAÑERO L., HIDALGO F., ELENO N., DÍEZ-PANERO L. M., ESTAÑ J. G. & LÓPEZ-NOVOA J. M.* Glomerular nitric oxide (NO) production in rats with bile duct ligation **493.P**, 88*S*, 1996

FLOTO R.A.

*FLOTO R. A. & ALLEN J. M.* Activation of human Fc receptor chimeric constructs results in PKC-dependent phagocytosis but not receptor-triggered $[Ca^{2+}]_i$ mobilization in transfected COS7 cells **491.P**, 94*P*, 1996

FLOWER R.J. *see* COLLIER D. J., NATHAN J., FLOWER R. J., WOLFF C. B., MILLEDGE J. S. & SWENSON E. R. **497.P**, 30*P*, 1996

FODEN N.D.

*FODEN N. D. & LEES G.* Chelation of intracellular calcium in rat cortical neurones: effects on GABAA receptor function **494.P**, 56*P*, 1996

FOLEY S.J. *see* MCFARLANE J. P., FOLEY S. J., DE WINTER P., SHAH P. J. R. & CRAGGS M. D. **497.P**, 16*P*, 1996

FOLKES D.

*FOLKES D., MILLAR N. & IRVING M.* Use of a birefringence-interference microscope to study myosin orientation during active contraction of demembranated fibres isolated from rabbit psoas muscle **491.P**, 123*P*, 1996

FORD T.W.

*FORD T. W., DONGA R., MATSUYAMA K., MORI S., NAKAJIMA K. & KIRKWOOD P. A.* The morphology and distribution of the collaterals of expiratory bulbospinal and propriospinal axons in the thoracic spinal cord of the cat **494.P**, 70*P*, 1996

FORRESTER J.V. *see* ZHAO M., AGIUS-FERNANDEZ A., FORRESTER J. V. & MCCAIG C. D. **495.P**, 64*P*, 1996

*see* MCCAIG C. D., FLETT G. G., ZHAO M., AGIUS-FERNANDEZ A. & FORRESTER J. V. **495.P**, 65*P*, 1996

FORSLING M.L. *see* MCKENZIE D. N., DYBALL R. E. J. & FORSLING M. L. **491.P**, 176*P*, 1996

*see* HARTLEY D. E., MOHAMMED F. N. A., ZHOU Y. & FORSLING M. L. **493.P**, 94*P*, 1996

*see* HARTLEY D. E., MOHAMMED F. N. A., ZHOU Y. & FORSLING M. L. **493.P**, 100*P*, 1996

*see* HARTLEY D. E., DICKSON S. L. & FORSLING M. L. **494.P**, 140*P*, 1996

*see* KOSTOGLOU-ATHANASSIOU I., SCHOFIELD S., LOMAX N., TREACHER D. F. & FORSLING M. L. **494.P**, 142*P*, 1996

*see* ZHOU Y. & FORSLING M. L. **494.P**, 143*P*, 1996

*FORSLING M. L.* The effect of ovarian steroids on neurohypophysial function **494.P**, 12*S*, 1996

*see* ZHOU Y. & FORSLING M. L. **495.P**, 118*P*, 1996

*see* KOSTOGLOU-ATHANASSIOU I., ATHANASSIOU P., ZHOU Y. & FORSLING M. L. **495.P**, 119*P*, 1996

*see* ZAMAN Z., STAFFORD G., HARTLEY D. E. & FORSLING M. L. **497.P**, 94*P*, 1996

*see* SHARMA S., SAWYER A., WILLIAMS A. & FORSLING M. L. **497.P**, 98*P*, 1996

FORSTER B.A.

*FORSTER B. A., LEAKE D. S., RICHARDS J. P. & WEINBERG P. D.* Endothelium-dependent relaxation of aortic rings from White Carneau pigeons: inhibition by low density lipoprotein oxidized to various extents **491.P**, 24*P*, 1996

FORSYTHE I.D.

*FORSYTHE I. D., BREW H. M., BARNES-DAVIES M., RUSZNÁK Z. & DOUGHTY J. M.* Pre- and postsynaptic mechanisms modulating glutamatergic transmission in the mammalian auditory pathway **493.P**, 26*S*, 1996

*see* BARNES-DAVIES M. & FORSYTHE I. D. **495.P**, 44*P*, 1996

*FORSYTHE I. D., BARNES-DAVIES M., TSUJIMOTO T., ONODERA K. & TAKAHASHI T.* Presynaptic calcium currents at a glutamatergic synapse in rat brainstem slices **495.P**, 47*P*, 1996

*see* SMITH A. J. & FORSYTHE I. D. **495.P**, 56*P*, 1996

*see* BREW H. M. & FORSYTHE I. D. **495.P**, 57*P*, 1996

FOSTER N.E.L.

*FOSTER N. E. L., BAXTER F., WALSH D. M., BAXTER G. D. & ALLEN J. M.* Transcutaneous electrical nerve stimulation: effect of manipulation of stimulation parameters upon two models of experimental pain in humans **491.P**, 78*P*, 1996

FOSTER S. *see* MACLAREN D. P. M., REILLY T., CAMPBELL I. T. & FOSTER S. **495.P**, 132*P*, 1996

FOURNIER J. *see* SIMPSON N., NIMROD C., DE VERMETTE R., LEBLANC C. & FOURNIER J. **494.P**, 34*P*, 1996

FOWDEN A.L. *see* HARRISON A. P., FOWDEN A. L., CLAUSEN T. & DAUNCEY M. J. **494.P**, 33*P*, 1996

*see* LI J., SAUNDERS J. C., GILMOUR R. S. & FOWDEN A. L. **494.P**, 38*P*, 1996

FOWLER A. *see* FERGUSON R. A., BROWN M. D., BLAKELY T. & FOWLER A. **495.P**, 136*P*, 1996

FOWLER M. *see* AHMAD N., FOWLER M., LODGE J. P. A. & POTTS D. J. **493.P**, 98*P*, 1996

FOX A.P. *see* CURRIE K. P. M. & FOX A. P. **495.P**, 76*P*, 1996

FOX J. *see* RAJAB P., FOX J., RIAZ S., TOMLINSON D. & GREENHAFF P. L. **495.P**, 142*P*, 1996

FOX R.M. *see* BYSTRY R. S., FOX R. M. & ATTERWILL C. K. **491.P**, 43*P*, 1996

FRACKOWIAK R. S. J. *see* CORFIELD D. R., FINK G. R., MURPHY K., KOBAYASHI I., DETTMERS C., ADAMS L., FRACKOWIAK R. S. J. & GUZ A. **491.P**, 52*P*, 1996

FRADE J.M.R. *see* GONZALO J. A., VON KOBBE C., MELLADO M., FRADE J. M. R., KREMER L., MAZUCHELLI R., CARRERA A. C., MERIDA I. & MARTINEZ-A C. **493.P**, 44*S*, 1996

FRANCE J. *see* COLLIER D., COLLIER C., FRANCE J. & ROSENBERG M. **497.P**, 62*P*, 1996

FRANCH A. *see* CAROL M., RODRÍGUEZ-PALMERO M., PELEGRÍ C., FERRI M. J., FRANCH A., GARCÍA-VALERO J., CASTELLOTE C. & CASTELL M. **493.P**, 109*S*, 1996

*see* PELEGRÍ C., RODRÍGUEZ-PALMERO M., MORANTE M. P., COMAS J., CASTELL M. & FRANCH A. **493.P**, 109*S*, 1996

FRANCIS M.J.O. *see* MOBASHERI A., GOLDING S., POCOCK A. E., ELLORY J. C., HALL A. C., URBAN J. P. G. & FRANCIS M. J. O. **494.P**, 59*P*, 1996

FRANÇOIS A. *see* DUBLINEAU I., FRANÇOIS A., KSAS B. & GRIFFITHS N. M. **493.P**, 70*P*, 1996

FRANKS C.M. *see* TIPTON M. J., FRANKS C. M., MENEILLY G. S. & MEKJAVIC I. B. **491.P**, 57*P*, 1996

FRANZINI E. *see* PASQUIER C., FRANZINI E., SELLAK H. & HAKIM J. **491.P**, 44*P*, 1996

FRASER J. *see* JOHNSTON A., BLACK C., FRASER J., MANSON J., HOPE J., CLARKE A. & MACLEOD N. **495.P**, 15*P*, 1996

FRASER P.A. *see* SARKER M. H. & FRASER P. A. **491.P**, 29*P*, 1996

*see* WOLFF C. B., SARKER M. H. & FRASER P. A. **491.P**, 31*P*, 1996

FREEMAN R. *see* KEELING A., FREEMAN R. & NICOLL A. **495.P**, 61*P*, 1996

FREEMAN T.C.B.

*FREEMAN T. C. B., SENGPIEL F. & BLAKEMORE C.* Development of binocular interactions in the primary visual cortex of anaesthetized kittens **494.P**, 18*P*, 1996

FREESTONE N.

*FREESTONE N. & MASON W. T.* The positive chronotropic effect of insulin-like growth factor 1 (IGF-1) and insulin on chick embryo ventricular cardiac myocytes in culture **494.P**, 115*P*, 1996

FRENGUELLI B.G.

*FRENGUELLI B. G.* Sensitivity of postsynaptic glutamate receptors to exogenous agonists during hypoxia in the CA1 region of the *in vitro* rat hippocampal slice **495.P**, 62*P*, 1996

FRESNO M. *see MUÑOZ-FERNÁNDEZ M. A. & FRESNO M.* **493.P**, 34*S*, 1996

FRISCHKNECHT F.

*FRISCHKNECHT F. & RANDALL A. D. In vitro* electrophysiological recordings from cells of the floor plate region of the newborn rat **491.P**, 139*P*, 1996

FRÖMTER E. *see CAROPPO R., DEBELLIS L., ALPER S., FRÖMTER E. & CURCI S.* **493.P**, 77*P*, 1996

FRUGIÈRE A. *see NÚÑEZ-VÁZQUEZ E., FRUGIÈRE A., PÁSARO R. & BARILLOT J. C.* **493.P**, 80*S*, 1996

FRY C.H. *see MARK I. R. & FRY C. H.* **493.P**, 16*P*, 1996

*see WU C. & FRY C. H.* **493.P**, 20*P*, 1996

*see PROCTOR A. V. & FRY C. H.* **494.P**, 120*P*, 1996

*see WU C. & FRY C. H.* **494.P**, 120*P*, 1996

*see GRAY R., MCINTYRE H. & FRY C. H.* **495.P**, 169*P*, 1996

*see FLORES N. A., BOTCHWAY A., COHEN H., FRY C. H. & SHERIDAN D. J.* **497.P**, 55*P*, 1996

FUENTES E.

*FUENTES E., NADAL A., JACOB R. & MCNAUGHTON P. A.* Serum albumin induces calcium mobilization in ECV304 and human umbilical vein endothelial cells **491.P**, 10*P*, 1996

FUENTES O.

*FUENTES O., OLIVA P., VARGAS C., JARA A., CONTRERAS R. & SOBREVIA L.* Kinetics of L-glutamine transport across the basolateral surface of gastric glands isolated from diabetic rabbits **493.P**, 91*P*, 1996

FURMAN B.L. *see FATEHI-HASSANABAD Z., FURMAN B. L. & PARRATT J. R.* **494.P**, 112*P*, 1996

FUXE K. *see NARVÁEZ J. A., DIAZ Z., HEDLUND P. B., AGUIRRE J. A., COVEÑAS R., GONZALEZ-BARON S. & FUXE K.* **493.P**, 75*S*, 1996

FYFE G.K. *see GAMBLING L., FYFE G. K., KEMP P. J., OLVER R. E. & BAINES D. L.* **493.P**, 79*P*, 1996

GAGOV H.S. *see PETKOV G. V., DURIDANOVA D. B., GAGOV H. S. & BOEV K. K.* **497.P**, 53*P*, 1996

GAITÁN M.R. *see LÓPEZ-MIRANDA V., VARA R., GAITÁN M. R., SOLÍS M. & ALEIXANDRE M. A.* **493.P**, 137*S*, 1996

GALÁN A.I. *see FERNÁNDEZ E., RUIZ J., MORÁN D., GONZÁLEZ-BUITRAGO J. M., GALÁN A. I., MUÑOZ M. E. & JIMÉNEZ R.* **493.P**, 113*S*, 1996

*GALÁN A. I., FERNÁNDEZ E., MORENO C., GONZÁLEZ-BUITRAGO J. M., MUÑOZ M. E. & JIMÉNEZ R.* Inter-relationship between hypercholeresis, ductular cell reaction and functional changes in the epithelial cells of the biliary tree in the rabbit **493.P**, 113*S*, 1996

*see MORÁN D., GALÁN A. I., FERNÁNDEZ E., MORENO C., JIMÉNEZ R. & MUÑOZ M. E.* **493.P**, 114*S*, 1996

GAL B. *see ALEU J., IVORRA I., LEJARRETA M., GAL B., GONZÁLEZ-ROS J. M., FERRAGUT J. A. & MORALES A.* **493.P**, 163*S*, 1996

GALE J.E. *see ASHMORE J. F. & GALE J. E.* **493.P**, 14*P*, 1996

GALLEGO-OVIEDO M.B.

*GALLEGO-OVIEDO M. B., MARTÍNEZ-SALGADO C., VALDIVIELSO J. M., RODRÍGUEZ-BARBERO A., GARCÍA-BASTOS J. L., ARÉVALO M. & LÓPEZ-NOVOA J. M.* Renal effects of antihypertensive therapy in uni-nephrectomized spontaneously hypertensive rats **493.P**, 88*S*, 1996

GALLOWAY S.D.R.

*GALLOWAY S. D. R. & MAUGHAN R. J.* The effects of substrate and fluid provision on exercise capacity in a cold environment in man **495.P**, 134*P*, 1996

GAMALLO A.

*GAMALLO A., GONZALEZ-ABAD M. J., TRANCHO G. J. & VILLANÚA M. A.* Hypertension, pregnancy and corticosterone (B) levels in the rat exposed to noise stress, ACTH or dexamethasone administration **493.P**, 118*S*, 1996

*see GONZÁLEZ-ABAD M. J., TRANCHO G. J. & GAMALLO A.* **493.P**, 126*S*, 1996

GAMBLE J. *see CHRIST F., GARTSIDE I. B. & GAMBLE J.* **491.P**, 40*P*, 1996

GAMBLING L.

*GAMBLING L., FYFE G. K., KEMP P. J., OLVER R. E. & BAINES D. L.* Co-localization of conductive $Na^+$ transport with pertussis toxin-sensitive G proteins of apical membrane isolated from fetal guinea-pig lung **493.P**, 79*P*, 1996

GAMUNDI A. *see NICOLAU M. C., GAMUNDI A., MARTÍN J., ROSSELLÓ C., BARJAU I. & RIAL R.* **493.P**, 17*S*, 1996

*see RIAL R., GAMUNDI A., AKAARIR M., ROSSELLÓ C., RAYÓ J. M. & NICOLAU M. C.* **493.P**, 17*S*, 1996

*GAMUNDI A., ROSSELLÓ C., ALEMANY G., AKAARIR M., TIMONER G. & NICOLAU M. C.* The brain ventricular volume of the Wistar rat **493.P**, 24*S*, 1996

GARAY LILLO J.G. *see GONZALEZ GONZALEZ J. A., GARAY LILLO J. G. & TASCON J. F.* **493.P**, 57*S*, 1996

GARCÍA A.G. *see LOMAX R. B., MONTIEL C., MICHELENA P., NUÑEZ L., GARCÍA-SANCHO J. & GARCÍA A. G.* **493.P**, 60*P*, 1996

*see DE LA FUENTE M. T., MAROTO R., SÁNCHEZ-GARCÍA P. & GARCÍA A. G.* **493.P**, 127*S*, 1996

GARCÍA I. *see FERRÁNDEZ M. D., GARCÍA I., MALLA A. & DE LA FUENTE M.* **493.P**, 139*S*, 1996

GARCÍA J. *see ALBEROLA A., REVERT F., MOYA A., GARCÍA J., BELTRÁN J., SANCHO S. & SUCH L.* **493.P**, 77*S*, 1996

GARCÍA J.J. *see PIÉ J., ROSERO I., GARCÍA J. J., PIÉ A. JR, JUSTE M. G., MARTÍNEZ-BALLARÍN E., GROS P. & HERRERA E.* **493.P**, 120*S*, 1996

GARCÍA J.L. *see DIÉGUEZ G., FERNÁNDEZ N., GARCÍA-VILLALÓN A. L., GARCÍA J. L., MONGE L. & GÓMEZ B.* **493.P**, 37*S*, 1996

*see FERNÁNDEZ N., GARCÍA-VILLALÓN A. L., GARCÍA J. L., MONGE L., GÓMEZ B. & DIÉGUEZ G.* **493.P**, 73*S*, 1996

GARCÍA L.J. *see ROSADO J. A., SALIDO G. M. & GARCÍA L. J.* **493.P**, 154*S*, 1996

*see TAPIA J. A., GONZÁLEZ A., GARCÍA L. J. & SALIDO G. M.* **493.P**, 154*S*, 1996

*see ALCON S., ROSADO J. A., PARIENTE J. A., GARCÍA L. J. & POZO M. J.* **493.P**, 155*S*, 1996

GARCÍA M. *see BELLIDO C., GARCÍA M., AGUILAR E., VAN ROOIJEN N. & GAYTÁN F.* **493.P**, 53*S*, 1996

GARCÍA O. *see OLMO R., SOCORRO J. M., GARCÍA O., TRIGO R. M. & BLANCO M. D.* **493.P**, 140*S*, 1996

*see BLANCO M. D., MARTÍN J. A., GARCÍA O., LOZANO M. & TEIJÓN J. M.* **493.P**, 141*S*, 1996

GARCÍA R. *see DÍAZ B., COLMENERO M. D., DÍAZ E., ARCE A., ESQUIFINO A., GARCÍA R. & MARÍN B.* **493.P**, 124*S*, 1996

GARCÍA-BASTOS J.L. *see GALLEGO-OVIEDO M. B., MARTÍNEZ-SALGADO C., VALDIVIELSO J. M., RODRÍGUEZ-BARBERO A., GARCÍA-BASTOS J. L., ARÉVALO M. & LÓPEZ-NOVOA J. M.* **493.P**, 88*S*, 1996

GARCÍA-BENITO M. *see SAN ROMÁN J. I., GARCÍA-BENITO M., HERNÁNDEZ-GUIJO J. M., ACOSTA J. J., LÓPEZ M. A. & CALVO J. J.* **493.P**, 100*S*, 1996

GARCIA-BONACHO M. *see ARCE A., CASTRILLÓN P. O., SELGAS L., GARCIA-BONACHO M. & ESQUIFINO A. I.* **493.P**, 49*S*, 1996

*see ARCE A., SELGAS L., GARCIA-BONACHO M., CASTRILLÓN P. O., DELLA MAGGIORE V., CARDINALI D. P. & ESQUIFINO A. I.* **493.P**, 49*S*, 1996

GARCÍA-BONACHO M. *see CASTRILLÓN P. O., GARCÍA-BONACHO M., SELGAS L., ESQUIFINO A. I. & ARCE A.* **493.P**, 48*S*, 1996

*see SELGAS L., ARCE A., GARCÍA-BONACHO M., CASTRILLON P. O. & ESQUIFINO A. I.* **493.P**, 48*S*, 1996

*GARCÍA-BONACHO M., CASTRILLÓN P. O., ARCE A., SELGAS L. & ESQUIFINO A. I.* Immune responses in submaxillary lymph nodes of pituitary-grafted rats. Effect of cyclosporine administration **493.P**, 52*S*, 1996

GARCÍA-COVISA N.L. *see RAYA Á., MONTOYA J., MERINO C., GARCÍA-COVISA N. L., HERNÁNDEZ V., ROMERO F. J. & ROMÁ J.* **493.P**, 31*S*, 1996

GARCÍA-DÍAZ J.F.

*GARCÍA-DÍAZ J. F., JIMÉNEZ C., REPRESA J. & GIRÁLDEZ F.* Calcium channel expression in developing cochlear neurones **493.P**, 152*S*, 1996

GARCÍA FERNÁNDEZ J.L. *see RIVERA L., GARCÍA FERNÁNDEZ J. L., GARCÍA LÓPEZ P. & GARCÍA-SACRISTÁN A.* **493.P**, 166*S*, 1996

GARCÍA-GRANERO E. *see FERRI R., BOSCH-MORELL F., ROMERO M. J., GARCÍA-GRANERO E. & ROMERO F. J.* **493.P**, 105*S*, 1996

GARCÍA LÓPEZ P. *see FERNÁNDEZ J. L. G., RIVERA L., GARCÍA LÓPEZ P., RECIO P. & GARCÍA-SACRISTÁN A.* **493.P**, 166*S*, 1996

*see FERNÁNDEZ J. L. G., RIVERA L., GARCÍA LÓPEZ P., RECIO P. & GARCÍA-SACRISTÁN A.* **493.P**, 166*S*, 1996

*see RIVERA L., GARCÍA FERNÁNDEZ J. L., GARCÍA LÓPEZ P. & GARCÍA-SACRISTÁN A.* **493.P**, 166*S*, 1996

García-Montero A.C. *see* Rodríguez A. I., Manso M. A., García-Montero A. C., Orfao A. & de Dios I. **493.P**, 100*S*, 1996
*see* Pescador R., Manso M. A., Rebollo A. J., Rodríguez A. I., García-Montero A. C. & de Dios I. **493.P**, 111*S*, 1996
*see* Pescador R., Manso M. A., Rebollo A. J., García-Montero A. C., Rodríguez A. I. & de Dios I. **493.P**, 112*S*, 1996

García-Moreno C.
García-Moreno C., San Román J. I., Martín M., García-Talavera J. R., Calvo J. J. & Del Pino J. Protective effects of two different oestrogen treatments on the bone loss of ovariectomized rats **493.P**, 137*S*, 1996
García-Moreno C., San Román J. I., Martín M., García-Talavera J. R., Calvo J. J. & Del Pino J. Bone growth in the mature model of rat: sequential study for 6 months **493.P**, 138*S*, 1996

García-Pascual A.
García-Pascual A., Labadia A., Costa G. & Triguero D. Characterization of nitric oxide synthase in the lower urinary tract **493.P**, 89*S*, 1996

García-Sacristán A. *see* Martínez C., Novella S., Benedito S. & García-Sacristán A. **493.P**, 74*S*, 1996
*see* Martínez C., Novella S., García-Sacristán A., Raposo R. & Benedito S. **493.P**, 74*S*, 1996
*see* Prieto D., Hernández M. V., Sáenz de Tejada I., Simonsen U. & García-Sacristán A. **493.P**, 82*S*, 1996
*see* Simonsen U., Prieto D., Hernández M., Delgado J. A., Resell L., Saenz de Tejada I. & García-Sacristán A. **493.P**, 82*S*, 1996
*see* Simonsen U., Prieto D., Hernández M. & García-Sacristán A. **493.P**, 83*S*, 1996
*see* Fernández J. L. G., Rivera L., García López P., Recio P. & García-Sacristán A. **493.P**, 166*S*, 1996
*see* Fernández J. L. G., Rivera L., García López P., Recio P. & García-Sacristán A. **493.P**, 166*S*, 1996
*see* Rivera L., García Fernández J. L., García López P. & García-Sacristán A. **493.P**, 166*S*, 1996
*see* Ordaz E., Prieto D., Hernández M., Simonsen U., Fernández J. L. G. & García-Sacristán A. **493.P**, 167*S*, 1996

García-Sancho J. *see* Lomax R. B., Montiel C., Michelena P., Nuñez L., García-Sancho J. & García A. G. **493.P**, 60*P*, 1996

García Seoane J.J. *see* Alarcón G., García Seoane J. J., Juler J., Binnie C. D., Polkey C. E., Elwes R. D. C. & Blasco J. O. **493.P**, 30*S*, 1996

García-Seoane J.J. *see* Colino A., Valentín A. & García-Seoane J. J. **493.P**, 32*S*, 1996

García-Talavera J.R. *see* García-Moreno C., San Román J. I., Martín M., García-Talavera J. R., Calvo J. J. & Del Pino J. **493.P**, 137*S*, 1996
*see* García-Moreno C., San Román J. I., Martín M., García-Talavera J. R., Calvo J. J. & Del Pino J. **493.P**, 138*S*, 1996

García-Valero J. *see* Carol M., Rodríguez-Palmero M., Pelegrí C., Ferri M. J., Franch A., García-Valero J., Castellote C. & Castell M. **493.P**, 109*S*, 1996

García-Villalón A.L. *see* Diéguez G., Fernández N., García-Villalón A. L., García J. L., Monge L. & Gómez B. **493.P**, 37*S*, 1996
*see* Fernández N., García-Villalón A. L., García J. L., Monge L., Gómez B. & Diéguez G. **493.P**, 73*S*, 1996
*see* Fernández N., García-Villalón A. L., Monge L., Gómez B. & Diéguez G. **493.P**, 73*S*, 1996
García-Villalón A. L., Monge L., Fernández N., Gómez B. & Diéguez G. Role of calcium-activated potassium channels in the relaxation of rabbit ear arteries during cooling **493.P**, 73*S*, 1996

Gardiner R.M. *see* Lewis T. M., Sivilotti L. G., Colquhoun D., Gardiner R. M., Schoepfer R. & Rees M. **494.P**, 77*P*, 1996
*see* Lewis T. M., Sivilotti L. G., Colquhoun D., Gardiner R. M., Schoepfer R. & Rees M. **497.P**, 112*P*, 1996

Gardner E.J.
Gardner E. J. & Richardson H. C. Modulation of human soleus H-reflexes during 'dry' slope parallel skiing **494.P**, 70*P*, 1996
Gardner E. J., Richardson H. C. & Banks J. Remote recording of human lower limb electromyograms and remotely evoked soleus H-reflexes **495.P**, 7*P*, 1996
Gardner E. J., Richardson H. C. & Banks J. Electromyograms of muscles controlling the human ankle during 'snowplough' skiing on a 'dry' ski slope **495.P**, 142*P*, 1996

Gardner J.
Gardner J. & Coote J. H. Cluster analysis of the effects on renal and adrenal nerve activity after stimulation of the paraventricular nucleus in the rabbit **497.P**, 16*P*, 1996

Gardner-Medwin A.R.
Gardner-Medwin A. R., Varughese M. & Margetts P. Static and dynamic tests of visual function with torsional head movements **494.P**, 2*P*, 1996
Gardner-Medwin A. R. & Curtin N. A. Confidence assessment in the teaching of physiology **494.P**, 74*P*, 1996

Garland C. J. *see* Mistry D. K. & Garland C. J. **493.P**, 20*P*, 1996

Garland H.O. *see* Tein M. S. C., Birdsey T. J., Garland H. O., Balment R. J., Boyd R. D. H. & Sibley C. P. **493.P**, 85*P*, 1996
*see* Tein M. S. C., Breen S. A., Loveday B. E., Garland H. O., Balment R. J., Boyd R. D. H. & Sibley C. P. **497.P**, 126*P*, 1996

Garner A. *see* Dib R., Garner A., Mensah-Brown E., Broadbent K. & Sim A. J. W. **493.P**, 78*P*, 1996

Garner C. *see* Kibble J. D., Garner C., Colledge W. H., Evans M. J. & Brown P. D. **495.P**, 80*P*, 1996

Garnham A. *see* Ferguson R. A., Brown M. D., Mian R. & Garnham A. **491.P**, 81*P*, 1996

Garnier D. *see* Auclerc-Pascarel C., Hongo K., Cazorla O., Garnier D., White E. & Le Guennec J.-Y. **491.P**, 161*P*, 1996
*see* Cazorla O., Auclerc-Pascarel C., Garnier D. & Le Guennec J.-Y. **491.P**, 161*P*, 1996

Garratt J. C.
Garratt J. C. & Owen D. G. External blockade of a single cloned potassium channel, mKv1.1, by docosahexaenoic acid **491.P**, 149*P*, 1996

Garrido M.R.
Garrido M. R. & Israel A. Effect of endothelins on phosphoinositide hydrolysis in adrenal medulla and in brain localized areas **493.P**, 119*S*, 1996
*see* Israel A. & Garrido M. R. **493.P**, 119*S*, 1996

Gartside I.B. *see* Christ F., Gartside I. B. & Gamble J. **491.P**, 40*P*, 1996

Gastaldi G. *see* Patrini C., Laforenza U., Gastaldi G., Verri A., Ferrari G. & Rindi G. **493.P**, 100*S*, 1996

Gatti R. *see* De Palo E. F., Gugelmetto M., Spinella P., Gatti R. & De Palo C. B. **491.P**, 59*P*, 1996
*see* De Palo C. B., Spinella P., Gatti R., Cappellin E. & De Palo E. F. **491.P**, 66*P*, 1996
*see* Spinella P., De Palo C. B., Cappellin E., Gatti R. & De Palo E. F. **491.P**, 82*P*, 1996

Gattullo D.
Gattullo D., Linden R. J., Losano G. & Pagliaro P. Systolic coronary blood flow and myocardial contraction in the anaesthetized dog **494.P**, 97*P*, 1996

Gavazzo P. *see* Menini A., Picco C. & Gavazzo P. **491.P**, 10*S*, 1996

Gaytán F. *see* Aguilar R., Bellido C., Antón F., Aguilar E. & Gaytán F. **493.P**, 53*S*, 1996
*see* Bellido C., García M., Aguilar E., van Rooijen N. & Gaytán F. **493.P**, 53*S*, 1996

Gaytán S.P.
Gaytán S. P. & Pásaro R. Ventral respiratory group – a relay centre for forebrain, mesencephalic and spinal cord? **493.P**, 92*S*, 1996

Geada M.
Geada M., Singh J., Domschke W., Mooren F. Ch. & Wisdom D. M. Secretagogue-evoked mobilization of magnesium in mouse pancreatic acini **493.P**, 90*P*, 1996

Geada M.M.
Geada M. M., Singh J., Wisdom D. M., Domschke W. & Mooren F. Ch. Intracellular signalling pathways associated with magnesium mobilization in mouse pancreatic acini **495.P**, 123*P*, 1996

Gee M.D.
Gee M. D., Lynn B. & Cotsell B. Identification of the C-fibres responsible for antidromic vasodilatation in the skin of the anaesthetized rat **494.P**, 46*P*, 1996

Gemmill J.F. *see* Hulliger M., Banks R. W. & Gemmill J. F. **494.P**, 71*P*, 1996

Gentil M. *see* Benchetrit G., Gentil M., Moldovanou I., Eberhard A., Pollak P., Vovk V., Couliart V. & Bachy J. P. **497.P**, 28*P*, 1996

Georgiou G.C.
Georgiou G. C., Sharp P. J. & Lea R. W. Afferent connections of the pre-optic nucleus and tuberal hypothalamus of the ring dove (*Streptopelia risoria*) using *in vitro* transport of DiI **497.P**, 109*P*, 1996

G-Granda T. *see* Velasco A., Tejedo B., Luna L., G-Granda T., Alonso I. & Cuyas L. **493.P**, 122*S*, 1996

Gibb A.J. *see Piña-Crespo J. C. & Gibb A. J.* **493.P**, 48*P*, 1996

Gibert-Rahola J. *see Tejedor-Real P., Micó J. A., Maldonado R., Roques B. P. & Gibert-Rahola J.* **493.P**, 16*S*, 1996

*see Mellado-Fernández M. L., Gibert-Rahola J. & Micó J. A.* **493.P**, 22*S*, 1996

Gibson A. *see Wayman C. P., McFadzean I., Gibson A. & Tucker J. F.* **495.P**, 174*P*, 1996

Gibson I.C. *see Spanswick D., Gibson I. C. & Logan S. D.* **495.P**, 57*P*, 1996

*see Nolan M. F., Gibson I. C. & Logan S. D.* **495.P**, 58*P*, 1996

Gibson J.S. *see Speake P. F. & Gibson J. S.* **493.P**, 63*P*, 1996

Giebisch G. *see Unwin R. J., Shirley D. G., Walter S. J., Capasso G. & Giebisch G.* **493.P**, 96*P*, 1996

Gilabert R.

*Gilabert R. & McNaughton P. A.* Enrichment of nociceptive neurones in cultures from neonatal rat dorsal root ganglion **491.P**, 142*P*, 1996

Gilbert H.J. *see Walker D., Thwaites D. T., Simmons N. L., Gilbert H. J. & Hirst B. H.* **493.P**, 70*P*, 1996

Gilbey M.P. *see Johnson C. D., Smith J. E. & Gilbey M. P.* **494.P**, 8*P*, 1996

*Gilbey M. P. & Johnson C. D.* Central respiratory drive and rhythmic discharges in sympathetic supply to blood vessels **494.P**, 16*S*, 1996

*see Smith J. E. & Gilbey M. P.* **497.P**, 81*P*, 1996

Gillardon F. *see Zimmermann M., Gillardon F. & Herdegen T.* **495.P**, 17*S*, 1996

Gillespie J.I. *see Wood P. G. & Gillespie J. I.* **491.P**, 13*P*, 1996

*see Lamb H. K., Awad S. S., Morgan J. M. & Gillespie J. I.* **491.P**, 168*P*, 1996

*see Morgan J. M., Awad S. S. & Gillespie J. I.* **491.P**, 168*P*, 1996

*see Scratcherd T., Otun H., Ahmed B., Greenwell J. R., Kotre J. & Gillespie J. I.* **497.P**, 69*P*, 1996

Gillies A.J.

*Gillies A. J.* A model of the rat subthalamic nucleus projection neurone demonstrates a defining role for the calcium T-type channel **495.P**, 6*P*, 1996

Gillies G.E.

*Gillies G. E., Davidson K., Murray H. E. & Christian M. C.* Gonadal steroids and hypothalamic neuronal development **494.P**, 10*S*, 1996

Gill M.D.

*Gill M. D. & Skorupski P.* Aminergic modulation of single unit reflex responses in crayfish **493.P**, 9*P*, 1996

Gilmore D.P. *see Yilmaz B., Gilmore D. P. & Wilson C. A.* **495.P**, 117*P*, 1996

Gilmour R.S. *see Li J., Saunders J. C., Gilmour R. S. & Fowden A. L.* **494.P**, 38*P*, 1996

Gimenez G.

*Gimenez G.* Growth factors in the control of cell proliferation: modulation by heparin and heparan sulphate **493.P**, 158*S*, 1996

Giráldez F. *see García-Díaz J. F., Jiménez C., Represa J. & Giráldez F.* **493.P**, 152*S*, 1996

Giralt M.

*Giralt M. & Vergara P.* Opposite actions of endogenous and exogenous CCK in the rat small intestine **493.P**, 106*S*, 1996

Girolami J.-P. *see Arnal J. F., Clamens S., Pechet C., Negre-Salvayre A., Allera C., Girolami J.-P., Salvayre R. & Bayard F.* **491.P**, 18*P*, 1996

Girotti M.

*Girotti M., Roquemore E., Ponnambalam S. & Banting G.* TGN38 and its orthologues: the importance of the cytosolic domain **494.P**, 4*S*, 1996

Gladden M.H.

*Gladden M. H.* Spontaneous activity of caudal $\gamma$-motoneurones in anaesthetized mutant rats (AS/AGU) **493.P**, 108*P*, 1996

Gladwell S.J.

*Gladwell S. J. & Coote J. H. In vitro* effects of dopamine on neonatal rat antidromically identified sympathetic preganglionic neurones **491.P**, 143*P*, 1996

*Gladwell S. J. & Coote J. H.* Dopamine acts via a $D_1$ receptor to inhibit sympathetic preganglionic neurones in the neonatal rat spinal cord *in vitro* **497.P**, 73*P*, 1996

Glazier J.D. *see Doughty I. M., Glazier J. D., Powell T. L., Jansson T. & Sibley C. P.* **494.P**, 31*P*, 1996

Gleeson M. *see Blannin A. K., Gleeson M. & Brooks S.* **491.P**, 77*P*, 1996

*see Blannin A. K., Gleeson M., Brooks S. & Cave R.* **495.P**, 140*P*, 1996

Gogny M. *see Jondet A., Bidon J.-C., Blin M., Vu A. T. & Gogny M.* **491.P**, 43*P*, 1996

Golding S. *see Mobasheri A., Golding S., Pocock A. E., Ellory J. C., Hall A. C., Urban J. P. G. & Francis M. J. O.* **494.P**, 59*P*, 1996

Goldspink D. *see Cox V., James R., Ashley Z. & Goldspink D.* **497.P**, 38*P*, 1996

*see Featherstone N., Cox V., Wright H. & Goldspink D.* **497.P**, 40*P*, 1996

Goldspink D.F. *see Ashley Z., Cox V. M., Young I. S. & Goldspink D. F.* **497.P**, 38*P*, 1996

Goldspink G. *see McKoy G., Mander J., Williams N. & Goldspink G.* **491.P**, 98*P*, 1996

*Goldspink G., Yang S. Y., Skarli M. & Vrbova G.* Local growth regulation is associated with an isoform of IGF-1 that is expressed in normal muscles but not in dystrophic *mdx* or *dydy* mouse muscles when subjected to stretch **495.P**, 162*P*, 1996

Gómez B. *see Diéguez G., Fernández N., García-Villalón A. L., García J. L., Monge L. & Gómez B.* **493.P**, 37*S*, 1996

*see Fernández N., García-Villalón A. L., García J. L., Monge L., Gómez B. & Diéguez G.* **493.P**, 73*S*, 1996

*see Fernández N., García-Villalón A. L., Monge L., Gómez B. & Diéguez G.* **493.P**, 73*S*, 1996

*see García-Villalón A. L., Monge L., Fernández N., Gómez B. & Diéguez G.* **493.P**, 73*S*, 1996

Gómez C. *see Olmo R., Socorro J. M., Gómez C., Agrasal C. & Teijón J. M.* **493.P**, 140*S*, 1996

*see Lozano M., Martín J. A., Trigo R. M., Gómez C. & Huerta P.* **493.P**, 141*S*, 1996

Gómez M.M.G. *see Ortiz A., Cordero R. & Gómez M. M. G., Hernández R. & Mena P.* **493.P**, 105*S*, 1996

*see Ortiz A., Cordero R., Gómez M. M. G., Hernández R. & Mena P.* **493.P**, 105*S*, 1996

*see Mena P., Gómez M. M. G., Maynar M. & Campillo J. E.* **493.P**, 106*S*, 1996

Gómez N. *see Mathison Y., Roa E., Mendible A., Gómez N., Williams P., Vargas E. & Meneses P.* **493.P**, 138*S*, 1996

Gómez-Ansón B.

*Gómez-Ansón B. & Morales J. M.* Compensatory renal growth and haemodynamic changes after kidney transplantation studied with duplex-doppler ultrasound (DDU): evidence for the work hypothesis **493.P**, 71*S*, 1996

*Gómez-Ansón B., Carrero-López V. & Díaz-González R.* Renal adaptations after unilateral nephrectomy in adults studied with duplex-Doppler ultrasound (DDU) **493.P**, 72*S*, 1996

Gómez-Ayala A.E.

*Gómez-Ayala A. E., Lisbona F., Hartiti S., López-Aliaga I., Pallarés I., Rodriguez Matas M. C. & Campos M. S.* Iron absorption: the implicated mechanisms and the effect of Fe-deficiency **493.P**, 110*S*, 1996

Gómez-Ayala H.E. *see Lisbona F., Lamenca B., López-Aliaga I., Pallarés I., Gómez-Ayala H. E., Hartiti S., Rodriguez Matas M. C. & Campos M. S.* **493.P**, 110*S*, 1996

Gómez-Gómez C. *see Pérez-Moreno A., Sánchez-del-Pino M. J., Luna-Gálvez S., Gómez-Gómez C. & Navarro-Arévalo A.* **493.P**, 135*S*, 1996

Gomez-Terreros J. *see Marí E. A. B., Blasco R., Gomez-Terreros J. & Calvo R. M.* **493.P**, 134*S*, 1996

Gomez-Tubio A. *see Tavares E., Gomez-Tubio A., Murillo M. L. & Carreras O.* **493.P**, 137*S*, 1996

Goncalves V.

*Goncalves V., Rocha I., Silva-Carvalho L. & Silva-Carvalho J.* Attenuation of the respiratory component of carotid body chemoreflex during electrical stimulation of the posterior vermis in the anaesthetized rabbit **494.P**, 103*P*, 1996

González A.

*González A., Salido G. M., Pariente J. A. & Camello P. J.* Calcium-mediated secretagogues and intracellular pH in pancreatic acinar cells **493.P**, 152*S*, 1996

*see Pariente J. A., Camello C., González A., Camello P. J. & Salido G. M.* **493.P**, 154*S*, 1996

*see Tapia J. A., González A., García L. J. & Salido G. M.* **493.P**, 154*S*, 1996

González C. *see Leizea J. P., González C., Grueso N. A., Díaz F., Fernández S. & Patterson A. M.* **493.P**, 120*S*, 1996

Gonzalez D.G. *see Gonzalez Gonzalez J. A., Grande M. A. A. & Gonzalez D. G.* **493.P**, 61*S*, 1996

González M.E. *see Lafuente M. A., González M. E. & Esquifino A. I.* **493.P**, 49*S*, 1996

Gonzalez-Abad M.J. *see Gamallo A., Gonzalez-Abad M. J., Trancho G. J. & Villanúa M. A.* **493.P**, 118*S*, 1996

González-Abad M.J.
*González-Abad M. J., Trancho G. J. & Gamallo A.* Effect of chronic stress and glucocorticoid activity on bony mineral content in the rat **493.P**, 126*S*, 1996

Gonzalez-Baron S. *see Narváez J. A., Diaz Z., Hedlund P. B., Aguirre J. A., Coveñas R., Gonzalez-Baron S. & Fuxe K.* **493.P**, 75*S*, 1996

González-Barón S. *see Dawid-Milner M. S., González-Barón S., Lara J. P. & Spyer K. M.* **493.P**, 71*S*, 1996

González-Buitrago J.M. *see Fernández E., Ruiz J., Morán D., González-Buitrago J. M., Galán A. I., Muñoz M. E. & Jiménez R.* **493.P**, 113*S*, 1996

*see Galán A. I., Fernández E., Moreno C., González-Buitrago J. M., Muñoz M. E. & Jiménez R.* **493.P**, 113*S*, 1996

González-Fernández M. *see Sandoval M. C., González-Fernández M. & Rey De Viñas J. L.* **493.P**, 132*S*, 1996

*see Sandoval M. C., González-Fernández M. & Rey De Viñas J. L.* **493.P**, 132*S*, 1996

González-Gallego J. *see Bayón J. E., Pascolo L., Ostrow D., Tiribelli C. & González-Gallego J.* **493.P**, 110*S*, 1996

*see Pastor A., Almar M., Collado P. S. & González-Gallego J.* **493.P**, 133*S*, 1996

*see Cuevas M. J., Collado P. S., Almar M., Manso R. & González-Gallego J.* **493.P**, 143*S*, 1996

Gonzalez Gonzalez J.A.
*Gonzalez Gonzalez J. A., Garay Lillo J. G. & Tascon J. F.* Vitamin D and bone metabolism in the elderly **493.P**, 57*S*, 1996

*Gonzalez Gonzalez J. A., Grande M. A. A. & Gonzalez D. G.* Gastropathies in aged animals due to AINE **493.P**, 61*S*, 1996

González-Quijano M.I. *see Millán S., González-Quijano M. I., Soto L. & López-Calderón A.* **493.P**, 51*S*, 1996

*González-Quijano M. I., Martín M., Millán S., Sancho M. J. & López-Calderón A.* T-lymphocyte proliferation, psychosocial stress and personality **493.P**, 52*S*, 1996

González-Ros J.M. *see Aleu J., Ivorra I., Lejarreta M., Gal B., González-Ros J. M., Ferragut J. A. & Morales A.* **493.P**, 163*S*, 1996

Gonzalez-Serratos H.
*Gonzalez-Serratos H., Cordoba-Rodriguez R., Matteson D. R. & Rozycka M.* Role of calcium currents in excitation–contraction coupling in developing cultured embryonic amphibian skeletal muscle cells **494.P**, 133*P*, 1996

Gonzalo J.A.
*Gonzalo J. A., von Kobbe C., Mellado M., Frade J. M. R., Kremer L., Mazuchelli R., Carrera A. C., Merida I. & Martinez-A C.* Neuroendocrine control of the immune system: physiological and pathological implications **493.P**, 44*S*, 1996

Gooch C.
*Gooch C., Cotsell B. & Lynn B.* The effects of neonatal skin injury on functional innervation via the normal cutaneous nerves in the skin of the foot in anaesthetized rats **494.P**, 47*P*, 1996

Goodale M.A.
*Goodale M. A.* Acting without perceiving: dissociations between phenomenology and motor control in human vision **494.P**, 20*S*, 1996

Goodfellow H.R. *see Sardini A., Goodfellow H. R., Higgins C. F. & McNaughton P. A.* **491.P**, 97*P*, 1996

Goodyer C. *see Clarke L., Goodyer C., Heasman L. & Symonds M. E.* **494.P**, 37*P*, 1996

Gordienko D.V. *see Tare M., Gordienko D. V., Parveen S., Fenech C., Robinson C. & Bolton T. B.* **491.P**, 90*P*, 1996

Gotch E.H.E. *see Naftalin R. J. & Gotch E. H. E.* **491.P**, 4*P*, 1996

Gould G.W. *see Kellett G. L., Corpe C. P., Basaleh M., Affleck J., Gould G. W. & Jess T. J.* **493.P**, 65*P*, 1996

Gouldsborough I.
*Gouldsborough I., Ashton N., Jones L. K. & Harrison J.* Urinary electrolyte excretion in neonatal normotensive and spontaneously hypertensive rats **493.P**, 97*P*, 1996

Gourine A.V.
*Gourine A. V. & Gourine V. N.* NADPH-diaphorase/nitric oxide synthase-containing neurones in the developing hypothalamus and medulla of the rat **497.P**, 115*P*, 1996

Gourine V.N.
*Gourine V. N.* Neuronal model of putative disinhibiting pathways from sensors to pacemaker neurons in centres of autonomic thermoregulation **497.P**, 66*P*, 1996

*see Gourine A. V. & Gourine V. N.* **497.P**, 115*P*, 1996

*see Vasilenko V. Y., Petruchuk T. A. & Gourine V. N.* **497.P**, 117*P*, 1996

Gow I.F. *see Handy R. D., Ellis D., Gow I. F. & Flatman P. W.* **495.P**, 168*P*, 1996

Gow J.W. *see Julu P. O. O., Gow J. W. & Jamal G. A.* **494.P**, 69*P*, 1996

Goya L. *see Agote M., Escrivá F., Goya L., Álvarez C., Martín M. A. & Pascual-Leone A. M.* **493.P**, 135*S*, 1996

Graham E.L.
*Graham E. L., Yusaf S. P. & Wray D.* Effects of silver ions on a mutant *Shaker* potassium channel **497.P**, 123*P*, 1996

Grahame L.M. *see Fink G., Dow R. C., Sumner B. E. H., Rosie R., Grahame L. M., Bennie J. & Carroll S.* **495.P**, 117*P*, 1996

Granados B.
*Granados B., Ariznavarreta C., Hermanussen M. & Tresguerres J. A. F.* GH synthesis by submaxilary glands submitted to GRF stimulation **493.P**, 162*S*, 1996

Grande M.A.A. *see Gonzalez Gonzalez J. A., Grande M. A. A. & Gonzalez D. G.* **493.P**, 61*S*, 1996

Grande M.C.R.
*Grande M. C. R., Marí E. A. B. & Calvo R. M.* Acetylsalicylic acid and liver **493.P**, 134*S*, 1996

*Grande M. C. R., Marí E. A. B. & Calvo R. M.* Acetylsalicylic acid and nutritional variables **493.P**, 134*S*, 1996

Grant S.
*Grant S.* Analyses of *fyn* and *fak* non-receptor tyrosine kinase function in the hippocampus using gene targeting **495.P**, 3*S*, 1996

Gray R.
*Gray R., McIntyre H. & Fry C. H.* Variation of the force–frequency relationship in hypertrophied myocardium **495.P**, 169*P*, 1996

Green A.L.
*Green A. L., Sewell D. A., Simpson L., Hultman E., Macdonald I. A. & Greenhaff P. L.* Creatine ingestion augments muscle creatine uptake and glycogen synthesis during carbohydrate feeding in man **491.P**, 63*P*, 1996

Greenberg M.J. *see Price D. A., Denslow N. D., Reynolds S., Greenberg M. J. & Cottrell G. A.* **494.P**, 82*P*, 1996

Greenhaff P.L. *see Timmons J. A., Poucher S. M., Constantin-Teodosiu D., Macdonald I. A. & Greenhaff P. L.* **491.P**, 62*P*, 1996

*see Green A. L., Sewell D. A., Simpson L., Hultman E., Macdonald I. A. & Greenhaff P. L.* **491.P**, 63*P*, 1996

*see Timmons J. A., Poucher S. M., Constantin-Teodosiu D., Macdonald I. A. & Greenhaff P. L.* **491.P**, 126*P*, 1996

*see Timmons J. A., Gustavsson T., Jansson E., Hultman E., Sundberg C. J., Kaijser L., Chwalbinska-Moneta J., Constantin-Teodosiu D., Macdonald I. A. & Greenhaff P. L.* **495.P**, 133*P*, 1996

*see Weller A. S., Millard C. E., Greenhaff P. L. & Macdonald I. A.* **495.P**, 135*P*, 1996

*see Rajab P., Fox J., Riaz S., Tomlinson D. & Greenhaff P. L.* **495.P**, 142*P*, 1996

Green L.R.
*Green L. R., McGarrigle H. H. G., Bennet L. & Hanson M. A.* The effect of nitric oxide synthase inhibition on plasma angiotensin II in normoxia and hypoxia in fetal sheep **494.P**, 35*P*, 1996

Green M. *see Polkey M. I., Kyroussis D., Hughes P. D., Rafferty G. F., Green M. & Moxham J.* **494.P**, 92*P*, 1996

Green R. *see Wareing M. & Green R.* **493.P**, 96*P*, 1996

*see Maltby M., Wilson R. W., Wareing M. & Green R.* **493.P**, 56*P*, 1996

*see Wareing M., Cockburn M. F. & Green R.* **493.P**, 67*P*, 1996

Greenwell J.R. *see Scratcherd T., Otun H., Ahmed B., Greenwell J. R., Kotre J. & Gillespie J. I.* **497.P**, 69*P*, 1996

Greenwood I.A.
*Greenwood I. A. & Large W. A.* Time course of depolarization-evoked calcium-activated chloride currents in rabbit portal vein smooth muscle cells **491.P**, 11*P*, 1996

Greenwood S.L.
*Greenwood S. L., Sides M. K. & Sibley C. P.* Hyposmotic challenge induces $^{86}Rb$ ($K^+$) efflux from human placental cytotrophoblast cells in culture **493.P**, 107*P*, 1996

*see* CLARSON L. H., *GREENWOOD S. L., SIDES M. K. & SIBLEY C. P.* **494.P**, 32*P*, 1996

*GREENWOOD S. L., SIDES M. K. & SIBLEY C. P.* $Ca^{2+}$ sensitivity of volume regulatory $^{86}Rb$ ($K^+$) efflux from human term placental cytotrophoblast cells in culture **494.P**, 32*P*, 1996

GRIBBLE S.M. *see DE LA HORRA C., CALONGE M. L., GRIBBLE S. M., WOOD I. S., ILUNDIN A. A. & SHIRAZI-BEECHEY S. P.* **493.P**, 102*S*, 1996

GRIFFITHS E.J.

*GRIFFITHS E. J., LIN H. & SULEIMAN M.-S.* Effect of aerobic metabolism blockade by cyanide on NADH measured in single ventricular myocytes isolated from rat and guinea-pig hearts **493.P**, 24*P*, 1996

GRIFFITHS G.

*GRIFFITHS G., ROOS N., CUDMORE S., WAY M. & KRIJNSE LOCKER J.* Assembly of vaccinia virus **494.P**, 4*S*, 1996

GRIFFITHS M.J.D. *see CORFIELD D. R., ROBERTS C. A., GRIFFITHS M. J. D. & ADAMS L.* **497.P**, 23*P*, 1996

GRIFFITHS N.M. *see DUBLINEAU I., FRANÇOIS A., KSAS B. & GRIFFITHS N. M.* **493.P**, 70*P*, 1996

GRIFFITHS P.J. *see RAPP G., ASHLEY C. C., BAGNI M. A., CECCHI G. & GRIFFITHS P. J.* **497.P**, 39*P*, 1996

GRIMBLE G.K. *see DEBNAM E. S., GRIMBLE G. K., DENHOLM E. E. & BUCKLEY P.* **494.P**, 124*P*, 1996

GRIMES J.A.

*GRIMES J. A. & DJAMGOZ M. B. A.* Voltage-gated $K^+$ current in the highly metastatic MAT-LyLu rat prostate cancer cell line: electrophysiological and pharmacological characteristics **495.P**, 76*P*, 1996

GRINDE E.

*GRINDE E., NÆSS V., FLADEBY C. & SERCK-HANSSEN G.* Transport of glucose and amino acids in bovine chromaffin cells: effects of insulin-like growth factor and vanadate **493.P**, 126*S*, 1996

GRIX N.

*GRIX N., HOLLEY M. C. & NISHIDA Y.* Conditional immortalization of sensory cells from the inner ear **493.P**, 14*P*, 1996

GRØGAARD J. *see SØVIK S., LOSSIUS K., ERIKSEN M., GRØGAARD J. & WALLØE L.* **494.P**, 36*P*, 1996

GROLLEAU F.

*GROLLEAU F., LAPIED B., BUCKINGHAM S. D., MASON W. D. & SATTELLE D. B.* Nicotine-induced increase in $[Ca^{2+}]_i$ in isolated adult neurosecretory cells of the cockroach *Periplaneta americana* detected using fura-2 **491.P**, 107*P*, 1996

GROS P. *see PIÉ J., ROSERO I., GARCÍA J. J., PIÉ A. JR, JUSTE M. G., MARTÍNEZ-BALLARÍN E., GROS P. & HERRERA E.* **493.P**, 120*S*, 1996

GROSSINI E. *see VACCA G., BATTAGLIA A., GROSSINI E., MARY D. A. S. G., MOLINARI C. & SURICO N.* **497.P**, 17*P*, 1996

GRUESO N.A. *see LEIZEA J. P., GONZÁLEZ C., GRUESO N. A., DÍAZ F., FERNÁNDEZ S. & PATTERSON A. M.* **493.P**, 120*S*, 1996

GRUNDY D. *see EASTWOOD C., KREIS M. & GRUNDY D.* **495.P**, 99*P*, 1996

*see BALDWIN L. M., PORTER D. W. F. & GRUNDY D.* **495.P**, 104*P*, 1996

GUAZA C. *see LLEDÓ A. & GUAZA C.* **493.P**, 46*S*, 1996

*see MOLINA-HOLGADO F. & GUAZA C.* **493.P**, 48*S*, 1996

*see MOLINA-HOLGADO F. & GUAZA C.* **493.P**, 52*S*, 1996

GUERRERO A.P. *see ALVAREZ J. E. C., FERNANDEZ M. I. E. & GUERRERO A. P.* **493.P**, 123*S*, 1996

GUERRERO-LINDNER E.

*GUERRERO-LINDNER E., PLAZA M. A., ARRUEBO M. P. & MURILLO M. D.* Effect of barium on isolated smooth muscle from sheep duodenum **493.P**, 107*S*, 1996

GUGELMETTO M. *see DE PALO E. F., GUGELMETTO M., SPINELLA P., GATTI R. & DE PALO C. B.* **491.P**, 59*P*, 1996

GUIHARD G.

*GUIHARD G., COMBETTES L. & CAPIOD T.* cGMP potentiates the $InsP_3$-evoked $Ca^{2+}$ release in guinea-pig hepatocytes **493.P**, 76*P*, 1996

GÜNTHER T. *see VORMANN J., GÜNTHER T., MAGDORF K. & ROB P.* **493.P**, 66*P*, 1996

GUSTAVSSON T. *see TIMMONS J. A., GUSTAVSSON T., JANSSON E., HULTMAN E., SUNDBERG C. J., KAIJSER L., CHWALBINSKA-MONETA J., CONSTANTIN-TEODOSIU D., MACDONALD I. A. & GREENHAFF P. L.* **495.P**, 133*P*, 1996

GUTIERREZ M. *see BRAVO P., SERRANO M. A., GUTIERREZ M., VILLANUEVA G. R. & MARIN J. J. G.* **494.P**, 35*P*, 1996

GUTNICK M.J. *see FLEIDERVISH I. A., AMDOUR B. L., WHITE E. L. & GUTNICK M. J.* **494.P**, 88*P*, 1996

GUZ A. *see CORFIELD D. R., FINK G. R., MURPHY K., KOBAYASHI I., DETTMERS C., ADAMS L., FRACKOWIAK R. S. J. & GUZ A.* **491.P**, 52*P*, 1996

*see MURPHY K., CORFIELD D. R., GUZ A., FINK G., HARRISON J., WISE R. J. S. & ADAMS L.* **497.P**, 22*P*, 1996

GYÖNGY L. *see MONOS E., GYÖNGY L. & JOBBÁGY Á.* **491.P**, 75*P*, 1996

HABAS E.L.

*HABAS E. L. & MACDONALD I. A.* Comparison of the thermogenic responses to glucose and to a high carbohydrate mixed nutrient test drink in humans **491.P**, 65*P*, 1996

HABGOOD M.D.

*HABGOOD M. D., BEGLEY D. J. & ABBOTT N. J.* Effects of vincristine on brain uptake of P-glycoprotein substrates in anaesthetized adult rats **491.P**, 37*P*, 1996

HÄBLER H.-J. *see MCLACHLAN E. M., DAVIES P. J. & HÄBLER H.-J.* **497.P**, 2*S*, 1996

HADIAN M. *see RIDDELL J. S. & HADIAN M.* **494.P**, 62*P*, 1996

HAGENAH J. *see SCHOMBURG E. D., STEFFENS H. & HAGENAH J.* **497.P**, 105*P*, 1996

HAHN J. *see ALI A., DEUCHARS J., HAHN J., PAWELZIK H., WEST D. & THOMSON A. M.* **494.P**, 11*P*, 1996

HAHN M. *see SHORE A. C., JUNGER M. & HAHN M.* **491.P**, 40*P*, 1996

HAINSWORTH A.H.

*HAINSWORTH A. H., BARRAND M. A. & HLADKY S. B.* Noise analysis of anion currents in COR-L23R cells **493.P**, 88*P*, 1996

*see VON WEIKERSTHAL S. F., HAINSWORTH A. H., HENDERSON R. M., HLADKY S. B. & BARRAND M. A.* **494.P**, 58*P*, 1996

*HAINSWORTH A. H., BARRAND M. A. & HLADKY S. B.* Evidence against the involvement of leukotrienes $LTC_4$ and $LTD_4$ in transduction of volume-activated anion currents in COR-L23R cells **495.P**, 122*P*, 1996

HAINSWORTH R. *see BROWN C. M., MTINANGI B. L. & HAINSWORTH R.* **497.P**, 4*P*, 1996

*see KELLY A. P., CROFT J. S. & HAINSWORTH R.* **497.P**, 5*P*, 1996

*see DRINKHILL M. J., MCMAHON N. C., NOBLE B. J., MYERS D. S. & HAINSWORTH R.* **497.P**, 12*P*, 1996

*see MTINANGI B. L., CROFT J. S., BROWN C. M. & HAINSWORTH R.* **497.P**, 68*P*, 1996

*see NOBLE B. J., DRINKHILL M. J., MYERS D. S. & HAINSWORTH R.* **497.P**, 68*P*, 1996

*see MCMAHON N. C., DRINKHILL M. J. & HAINSWORTH R.* **497.P**, 72*P*, 1996

HAJI A. *see PIERREFICHE O., HAJI A. & RICHTER D. W.* **497.P**, 22*P*, 1996

HAKIM J. *see PASQUIER C., FRANZINI E., SELLAK H. & HAKIM J.* **491.P**, 44*P*, 1996

HALASY K. *see COBB S. R., HALASY K., VIDA I., BUHL E. H. & SOMOGYI P.* **495.P**, 62*P*, 1996

HALL A.C. *see MOBASHERI A., SHACKLETON S., HARRIS A., HALL A. C. & URBAN J. P. G.* **491.P**, 96*P*, 1996

*see MOBASHERI A., URBAN J. P. G. & HALL A. C.* **493.P**, 104*P*, 1996

*see MOBASHERI A., GOLDING S., POCOCK A. E., ELLORY J. C., HALL A. C., URBAN J. P. G. & FRANCIS M. J. O.* **494.P**, 59*P*, 1996

*see MOBASHERI A., HALL A. C. & URBAN J. P. G.* **495.P**, 124*P*, 1996

HALLIWELL J.V.

*HALLIWELL J. V. & HORNE A. L.* Dopamine action in the rat islands of Calleja *in vitro* **494.P**, 82*P*, 1996

*see HORNE A. L. & HALLIWELL J. V.* **494.P**, 83*P*, 1996

HALLIWELL M. *see PARKER D. R., BARGIOTTA A., HALLIWELL M. & CORRALL R. J. M.* **495.P**, 128*P*, 1996

HAMDY S.

*HAMDY S., CRONE R., AZIZ Q., ROTHWELL J. C., TALLIS R. C. & THOMPSON D. G.* Does dysphagia in unilateral hemispheric stroke depend on cerebral asymmetry of swallowing motor function? **491.P**, 118*P*, 1996

HAMER M. *see SHARPE G. R., HAMER M., CAINE M. P. & MCCONNELL A. K.* **495.P**, 139*P*, 1996

HAMILL O.P. *see WILKINSON N. C., MCBRIDE D. W. JR & HAMILL O. P.* **491.P**, 101*P*, 1996

HAMILTON C.H. *see PHANEUF S., CARRASCO M. P., ASBÓTH G., EUROPE-FINNER G. N., HAMILTON C. H. & LÓPEZ BERNAL A.* **491.P**, 169*P*, 1996

HAMMOND G.R. *see MURPHY P. R. & HAMMOND G. R.* **494.P**, 62*P*, 1996

HAMMOND P. *see ZHENG F., HAMMOND P. & KIM J.-N.* **494.P**, 17*P*, 1996

*HAMMOND P. & ZHENG F.* Spatial frequency tuning of excitation and suppression in complex neurones from cat striate cortex **494.P**, 18*P*, 1996

*see ZHENG F. & HAMMOND P.* **497.P**, 63*P*, 1996

HANCOX J.C. *see HOWARTH F. C., LEVI A. J. & HANCOX J. C.* **491.P**, 155*P*, 1996

*see LEVI A. J., HANCOX J. C., HOWARTH F. C., VINNICOMBE J. & CROKER J.* **493.P**, 3*P*, 1996

*Hancox J. C.* The 'digitalis analogue' strophanthidin blocks L-type calcium current in single cells isolated from the rabbit atrioventricular node **493.P**, 25*P*, 1996

Handy R.D.

*Handy R. D., Ellis D., Gow I. F. & Flatman P. W.* Regulation of intracellular ionized magnesium concentration by $Na^+$–$Mg^{2+}$ exchange in isolated rat ventricular myocytes **495.P**, 168*P*, 1996

Hanquan Y. *see Rao A., Hanquan Y. & Holder D. S.* **494.P**, 8*P*, 1996

*see Rao A., Hanquan Y. & Holder D. S.* **494.P**, 46*P*, 1996

Hansen S. *see Julu P. O. O., Hansen S. & Jamal G. A.* **491.P**, 85*P*, 1996

*see Julu P. O. O., Hansen S., Barnes A. & Jamal G. A.* **497.P**, 7*P*, 1996

Hanson M. A. *see Green L. R., McGarrigle H. H. G., Bennet L. & Hanson M. A.* **494.P**, 35*P*, 1996

Hanssen H.

*Hanssen H., Mendes Ribeiro A. C., Conway M., Mann G. E. & Ellory J. C.* L-Arginine transport is enhanced in erythrocytes from patients with heart failure and uraemia **494.P**, 112*P*, 1996

Harbuz M.S.

*Harbuz M. S., Jessop D. S., Chowdrey H. S., Larsen P. J. & Lightman S. L.* Hypothalamic response to sickness and inflammatory disease **493.P**, 44*S*, 1996

Hargreaves M. *see Kristiansen S., Hargreaves M. & Richter E. A.* **491.P**, 65*P*, 1996

Harmar A.J. *see Sheward W. J., Lutz E. M. & Harmar A. J.* **491.P**, 96*P*, 1996

Haroon M.M. *see Brette F., Hongo K., Haroon M. M. & White E.* **491.P**, 157*P*, 1996

Harper A.A. *see Chipperfield A. R., Davis J. P. L., Harper A. A. & Hussain A.* **491.P**, 45*P*, 1996

*see Buchanan S., Elliott J. R. & Harper A. A.* **495.P**, 67*P*, 1996

Harris A. *see Mobasheri A., Shackleton S., Harris A., Hall A. C. & Urban J. P. G.* **491.P**, 96*P*, 1996

Harris J.B. *see Hassoni A. A., Brown A. E. & Harris J. B.* **491.P**, 129*P*, 1996

*see Hassoni A. A., Cullen M. J. & Harris J. B.* **495.P**, 163*P*, 1996

Harris M.C. *see Boden A. G., Parkes M. J. & Harris M. C.* **493.P**, 33*P*, 1996

*see Boden A. G., Parkes M. J. & Harris M. C.* **497.P**, 27*P*, 1996

Harris S.J.

*Harris S. J.* Hyperpolarization and increased input resistance evoked by metabotropic glutamate receptor agonists in acutely dissociated neurones from the rat V motor nucleus **491.P**, 136*P*, 1996

Harris W. *see Hebert S. C., Brown E., Riccardi D., Harris W., Sands J. & Wang W.* **493.P**, 5*S*, 1996

Harrison A.P.

*Harrison A. P., Nielsen O. B. & Clausen T.* $Na^+$–$K^+$ pump concentration in skeletal muscle and its significance for contractile performance **491.P**, 123*P*, 1996

*Harrison A. P., Fowden A. L., Clausen T. & Dauncey M. J.* $Na^+$, $K^+$-ATPase concentration in porcine skeletal muscle is markedly upregulated in late gestation **494.P**, 33*P*, 1996

Harrison J. *see Gouldsborough I., Ashton N., Jones L. K. & Harrison J.* **493.P**, 97*P*, 1996

*see Murphy K., Corfield D. R., Guz A., Fink G., Harrison J., Wise R. J. S. & Adams L.* **497.P**, 22*P*, 1996

Harrison L.M. *see King M., Mayston M. J., Harrison L. M. & Stephens J. A.* **491.P**, 178*P*, 1996

*see Mayston M. J., Harrison L. M. & Stephens J. A.* **494.P**, 67*P*, 1996

Harrison P.T. *see Norman J. C., Harrison P. T., Davis W. & Allen J. M.* **491.P**, 100*P*, 1996

Harrison S.M. *see McMorn S. O., Harrison S. M. & Boyett M. R.* **494.P**, 108*P*, 1996

*see Fawcett J. M., Hulme J. T., Harrison S. M., Walker J. H. & Orchard C. H.* **497.P**, 57*P*, 1996

Harrold J.A.

*Harrold J. A., Elliott J. R. & Elliott A. A.* *n*-Pentanol causes depolarizing shifts in the voltage dependence of both activation and inactivation (availability) of rat brain RCK4 fast-inactivating potassium ($K^+$) channels expressed in *Xenopus* oocytes **491.P**, 89*P*, 1996

*Harrold J. A., Elliott J. R. & Elliott A. A.* Inhibition of oocyte-expressed rat brain IIa $Na^+$ channels by phenol, *p*-cresol and *n*-pentanol **497.P**, 127*P*, 1996

Hart G. *see Mészáros J., Bryant S.M., Ryder K.O. & Hart G.* **491.P**, 156*P*, 1996

Hartell N.A. *see Armstrong D. M., Apps R., Hartell N. A. & Montgomery A.* **493.P**, 10*S*, 1996

Hartiti S. *see Gómez-Ayala A. E., Lisbona F., Hartiti S., López-Aliaga I., Pallarés I., Rodriguez Matas M. C. & Campos M. S.* **493.P**, 110*S*, 1996

*see Lisbona F., Lamenca B., López-Aliaga I., Pallarés I., Gómez-Ayala H. E., Hartiti S., Rodriguez Matas M. C. & Campos M. S.* **493.P**, 110*S*, 1996

Hartley D.E.

*Hartley D. E., Mohammed F. N. A., Zhou Y. & Forsling M. L.* Are prostaglandins involved in the natriuretic response to neurohypophysial hormones in the rat? **493.P**, 94*P*, 1996

*Hartley D. E., Mohammed F. N. A., Zhou Y. & Forsling M. L.* The influence of reproductive status on the renal reponse to vasopressin in the rat **493.P**, 100*P*, 1996

*Hartley D. E., Dickson S. L. & Forsling M. L.* The effect of ovariectomy on the response of the neurohypophysial system to increased plasma sodium concentrations in the rat **494.P**, 140*P*, 1996

*see Zaman Z., Stafford G., Hartley D. E. & Forsling M. L.* **497.P**, 94*P*, 1996

Harvey B.J. *see Doolan C. M., O'Sullivan G. & Harvey B. J.* **493.P**, 64*P*, 1996

*see Winter D. C., Cuffe J., O'Sullivan G. C., Butt A. G. & Harvey B. J.* **493.P**, 67*P*, 1996

*see Higgins M. A. & Harvey B. J.* **493.P**, 93*P*, 1996

*see Higgins T. M., Horwitz E. R. & Harvey B. J.* **495.P**, 124*P*, 1996

Harvey J. *see Irving A. J., Palmer M. J., Harvey J., Seabrook G. R. & Collingridge G. L.* **495.P**, 49*P*, 1996

*Harvey J. & Lacey M. G.* Tonic attenuation of excitatory synaptic transmission in the nucleus accumbens via presynaptic adenosine $A_1$ receptors in rat brain slices **495.P**, 54*P*, 1996

Hasan S.S.

*Hasan S. S., King A. E. & Crawford P. M.* Effects of ARL12495, a metabolite of the anticonvulsant Remacemide, on dorsal root-evoked EPSPs and frequency-dependent summation (wind-up) in rat ventral horn neurons *in vitro* **497.P**, 100*P*, 1996

Hassall M. *see Whipp B. J., Ward S. A. & Hassall M.* **491.P**, 60*P*, 1996

Hassan N. *see Amassian V. E., Cracco R. Q., Maccabee P. J., Cracco J. B., Hassan N., Vergara M. & Eberle L.* **491.P**, 74*P*, 1996

*see Amassian V. E., Cracco R. Q., Cracco J. B., Maccabee P. J., Vergara M. & Hassan N.* **493.P**, 40*P*, 1996

*see Amassian V. E., Cracco R. Q., Maccabee P. J., Vergara M. & Hassan N.* **497.P**, 34*P*, 1996

Hassoni A.A.

*Hassoni A. A., Brown A. E. & Harris J. B.* Calcium and Duchenne muscular dystrophy **491.P**, 129*P*, 1996

*Hassoni A. A., Cullen M. J. & Harris J. B.* A defect of $Ca^{2+}$ influx across the sarcolemma in cultured myotubes from Duchenne patients **495.P**, 163*P*, 1996

Hatton C.J.

*Hatton C. J. & Peers C.* Effects of cytochrome P-450 inhibitors on hypoxic inhibition of $K^+$ currents in isolated type I carotid body cells of the neonatal rat **491.P**, 50*P*, 1996

*Hatton C. J. & Peers C.* Evidence against the involvement of cyclic nucleotides in hypoxic inhibition of $K^+$ currents in isolated type I cells of the neonatal rat carotid body **493.P**, 17*P*, 1996

*see Carpenter E., Hatton C. J., Pepper D. R., Kumar P. & Peers C.* **497.P**, 26*P*, 1996

Hatton P.A. *see Edwards J. P., Hatton P. A., Little R. A. & Wareham A. C.* **495.P**, 68*P*, 1996

Hatzinger M. *see Douglas A. J., Johnstone H., Hatzinger M., Neumann I., Landgraf R. & Russell J. A.* **495.P**, 109*P*, 1996

Hauri H.-P.

*Hauri H.-P.* ERGIC-53: recycling, retention and receptor function **494.P**, 2*S*, 1996

Hawkins M. *see Stubbs T. A., Evans A. E., Perry A. J., Hawkins M. & Macdonald I. A.* **491.P**, 66*P*, 1996

Haworth S.G. *see McMillan M. R., Burnstock G. & Haworth S. G.* **491.P**, 42*P*, 1996

He Y.-L. *see Collett A., Walker D., Sims E., He Y.-L., Rowland M. & Warhurst G.* **493.P**, 80*P*, 1996

Head G.M.

*Head G. M., Kranz A., Kendall M. D. & Downing J. E. G.* Proliferation and dye coupling in cultured rat thymic epithelial cells **493.P**, 63*P*, 1996

*Head G. M. & Downing J. E. G.* Anionic leak conductance and macroscopic outward currents of cultured secretory epithelia from rat thymus **495.P**, 108*P*, 1996

Headley P.M. *see Chizh B. A., Cumberbatch M. J., Herrero J. F. & Headley P. M.* **491.P**, 113*P*, 1996

*see Jones M. W. & Headley P. M.* **491.P**, 113*P*, 1996

*see Cao C. Q., Tse H.-W., Evans R. H., Headley P. M. & Jane D. E.* **493.P**, 51*P*, 1996

*see Chizh B. A. & Headley P. M.* **493.P**, 52*P*, 1996

*see Capner C. A., Chizh B. A. & Headley P. M.* **495.P**, 19*P*, 1996

*see Bradley K. J. & Headley P. M.* **495.P**, 27*P*, 1996

*see Jones M. W. & Headley P. M.* **495.P**, 48*P*, 1996

*Headley P. M., Chizh B. A. & Cumberbatch M. J.* Interactions between neuropeptides and excitatory amino acids *in vivo* **495.P**, 13*S*, 1996

Heagerty A.M.

*Heagerty A. M.* Vascular wall architecture in hypertension: the role of hypertrophy and remodelling **493.P**, 66*S*, 1996

Heales S.J.R. *see Barker J. E., Heales S. J. R., Bolanos J. P., Land J. M. & Clark J. B.* **491.P**, 34*P*, 1996

Heasman L. *see Clarke L., Goodyer C., Heasman L. & Symonds M. E.* **494.P**, 37*P*, 1996

*Heasman L., Clarke L. & Symonds M. E.* Influence of thyrotrophin releasing hormone (TRH) on thermoregulation in near-term Caesarean section-delivered lambs **494.P**, 37*P*, 1996

Heavens R. *see Crawford J. H., Wainwright A., Heavens R., Scott R. H. & Seabrook G. R.* **495.P**, 46*P*, 1996

Hebert S.C.

*Hebert S. C., Brown E., Riccardi D., Harris W., Sands J. & Wang W.* Extracellular $Ca^{2+}$ receptor **493.P**, 5*S*, 1996

Heblich F.

*Heblich F. & Owen D. G.* Actions of synthetic inactivation peptides on the cloned potassium channels, mKv1.1 and mKv1.2, stably expressed in Chinese hamster ovary (CHO) cells **494.P**, 57*P*, 1996

Hediger M.A. *see Smith C. P., Shayakul C., Knepper M.A. & Hediger M. A.* **493.P**, 2*S*, 1996

Hedlund P.B. *see Narváez J. A., Diaz Z., Hedlund P. B., Aguirre J. A., Coveñas R., Gonzalez-Baron S. & Fuxe K.* **493.P**, 75*S*, 1996

Heinert G.

*Heinert G., Paterson D. J. & Nye P. C. G.* Endothelial-derived NO does not seem to be involved in hypercapnic relaxation of isolated rabbit middle cerebral arteries **491.P**, 7*P*, 1996

*Heinert G., Nye P. C. G. & Paterson D. J.* Effect of indomethacin and L-NMMA on hypoxic and hypercapnic cerebral blood flow in the anaesthetized rat **495.P**, 159*P*, 1996

Helge J.W.

*Helge J. W., Ayre K., Hulbert A. J. & Storlien L.* Effects of dietary fat content and fatty acid profile on endurance performance in rats **491.P**, 63*P*, 1996

Helliwell R.M.

*Helliwell R. M. & Large W. A.* The role of G proteins and phospholipase C in the activation of the noradrenaline-evoked non-selective cation current in rabbit portal vein cells **494.P**, 53*P*, 1996

Hellsten Y. *see MacLean D. A., Rådegran G., Hellsten Y. & Bangsbo J.* **491.P**, 126*P*, 1996

Henderson R.M. *see von Weikersthal S. F., Hainsworth A. H., Henderson R. M., Hladky S. B. & Barrand M. A.* **494.P**, 58*P*, 1996

Henderson Z. *see Pambakian P. S., Jagger E., Beeby J. H., Torsney C. & Henderson Z.* **497.P**, 100*P*, 1996

Henley J.M. *see Bresink I., Benke T. A., Collett V. J., Henley J. M. & Collingridge G. L.* **493.P**, 53*P*, 1996

*see Doherty A. J., Collingridge G. L. & Henley J. M.* **493.P**, 9*P*, 1996

Heppenstall P.A.

*Heppenstall P. A. & Fleetwood-Walker S. M.* Mediators of tachykinin/NMDA interactions in nociception **495.P**, 15*S*, 1996

Herbert J. *see Zhu B. & Herbert J.* **495.P**, 115*P*, 1996

Herbison A.E. *see Spratt D. P. & Herbison A. E.* **494.P**, 144*P*, 1996

*see Yuri K., Herbison A. E. & Bicknell R. J.* **494.P**, 144*P*, 1996

Herdegen T. *see Zimmermann M., Gillardon F. & Herdegen T.* **495.P**, 17*S*, 1996

Heredia M.

*Heredia M., Riolobos A. S., Yajeya J., Criado J. M., de la Fuente A. & Santacana M.* Grafting of retinoic acid differentiated human neural cell lines producing tyrosine hydroxylase into different regions of the adult rat brain **493.P**, 22*S*, 1996

*see de la Fuente A., Criado J. M., Heredia M., Riolobos A. S. & Yajeya J.* **493.P**, 23*S*, 1996

*see Santacana M., de la Vega A. G., Heredia M. & Valverde F.* **493.P**, 50*S*, 1996

Hermanussen M. *see Granados B., Ariznavarreta C., Hermanussen M. & Tresguerres J. A. F.* **493.P**, 162*S*, 1996

Hermenegildo C. *see Martínez-Blasco A., Hermenegildo C., Bosch-Morell F. & Romero F. J.* **493.P**, 104*S*, 1996

Hernández I. *see Inglés A. C., Hernández I., Pérez M. C., Quesada T. & Carbonell L. F.* **493.P**, 70*S*, 1996

Hernández M. *see Simonsen U., Prieto D., Hernández M., Delgado J. A., Resell L., Saenz de Tejada I. & García-Sacristán A.* **493.P**, 82*S*, 1996

*see Simonsen U., Prieto D., Hernández M. & García-Sacristán A.* **493.P**, 83*S*, 1996

*see Ordaz E., Prieto D., Hernández M., Simonsen U., Fernández J. L. G. & García-Sacristán A.* **493.P**, 167*S*, 1996

Hernández M.V. *see Prieto D., Hernández M. V., Sáenz de Tejada I., Simonsen U. & García-Sacristán A.* **493.P**, 82*S*, 1996

Hernández R. *see Ortiz A., Cordero R., Gómez M. M. G., Hernández R. & Mena P.* **493.P**, 105*S*, 1996

*see Ortiz A., Cordero R., Gómez M. M. G., Hernández R. & Mena P.* **493.P**, 105*S*, 1996

Hernández V. *see Raya Á., Montoya J., Merino C., García-Covisa N. L., Hernández V., Romero F. J. & Romá J.* **493.P**, 31*S*, 1996

Hernández-Díaz F. *see López-Coviella I., Alonso R. & Hernández-Díaz F.* **493.P**, 124*S*, 1996

Hernández-Guijo J.M. *see San Román J. I., García-Benito M., Hernández-Guijo J. M., Acosta J. J., López M. A. & Calvo J. J.* **493.P**, 100*S*, 1996

Hernanz A. *see De la Fuente M., Ruedas G., del Rio M., Ferrandez M. D., Hernanz A. & Miquel J.* **493.P**, 140*S*, 1996

*see De la Fuente M., del Rio M., Ferrandez M. D., Medina S. & Hernanz A.* **493.P**, 61*S*, 1996

Herrera E. *see Pié J., Rosero I., García J. J., Pié A. Jr, Juste M. G., Martínez-Ballarín E., Gros P. & Herrera E.* **493.P**, 120*S*, 1996

*see López-Luna P., Iglesias M. A., Martínez S., Muñoz C. & Herrera E.* **493.P**, 139*S*, 1996

*see Muñoz C., López-Luna P. & Herrera E.* **493.P**, 139*S*, 1996

Herrera M.C. *see Monte M. J., Serrano M. A., Villanueva G. R., Barbero E. R., Herrera M. C., Criado J., Dominguez M. F. & Marin J. J. G.* **493.P**, 162*S*, 1996

Herrero J.F. *see Chizh B. A., Cumberbatch M. J., Herrero J. F. & Headley P. M.* **491.P**, 113*P*, 1996

Herson P.S.

*Herson P. S., Dulock K. A., Rowe I. C. M. & Ashford M. L. J.* Divalent cation modulation of a nicotinamide-adenine dinucleotide-dependent non-selective cation channel in an insulinoma cell line **495.P**, 86*P*, 1996

Hervé J.C. *see Verrecchia F., Pluciennik F. & Hervé J. C.* **494.P**, 115*P*, 1996

*see Verrecchia F. & Hervé J. C.* **494.P**, 116*P*, 1996

*see Cronier L., Délèze J., Malassiné A. & Hervé J. C.* **494.P**, 40*P*, 1996

Hetherington M. *see Wood G., Qazzaz M., Hetherington M. & Winlow W.* **497.P**, 6*P*, 1996

Hidalgo F. *see Flores O., Criado-Jiménez M., Rivas-Cabañero L., Hidalgo F., Eleno N., Díez-Panero L. M., Estañ J. G. & López-Novoa J. M.* **493.P**, 88*S*, 1996

Higenbottam T. *see Demoncheaux E. A. G., Smith A. P. L., Davies M. & Higenbottam T.* **491.P**, 101*P*, 1996

Higenbottam T.W. *see Smith A. P. L., Demoncheaux E. A. G., Maniscalco M. & Higenbottam T. W.* **491.P**, 100*P*, 1996

Higgins C.F. *see Sardini A., Goodfellow H. R., Higgins C. F. & McNaughton P. A.* **491.P**, 97*P*, 1996

*see Bond T. D., Higgins C. F. & Valverde M. A.* **493.P**, 73*P*, 1996

Higgins M.A.

*Higgins M. A. & Harvey B. J.* Mobilization of intracellular calcium by ATP and cAMP in mouse cortical collecting duct (M-1) cells **493.P**, 93*P*, 1996

Higgins T.M.

*Higgins T. M., Horwitz E. R. & Harvey B. J.* Bradykinin increases intracellular calcium in isolated human chondrocytes **495.P**, 124*P*, 1996

HIGH S.

*HIGH S.* Protein biosynthesis at the endoplasmic reticulum – a molecular analysis **494.P**, 28, 1996

HIGUCHI K. *see CLOW A., HIGUCHI K., LAMBERT S., HUCKLEBRIDGE F. & ROTHWELL J. C.* **491.P**, 73*P*, 1996

HILL P.B.

*HILL P. B., MARTIN R. J. & MILLER H. R. P.* Effects of temperature and cytoplasmic disruption on whole-cell membrane currents of rat bone marrow-derived mast cells **491.P**, 90*P*, 1996

*HILL P. B., MARTIN R. J. & MILLER H. R. P.* A comparison of whole-cell currents in isolated mucosal and connective tissue rat mast cells **495.P**, 84*P*, 1996

HILL S.A. *see PARKINS C. S., HILL S. A., STRATFORD M. R. L., DENNIS M. F. & CHAPLIN D. J.* **491.P**, 10*P*, 1996

HILLIER C.

*HILLIER C., SAYERS R. D., NAYLOR R., BELL P. R. F. & THURSTON H.* Chronic ischaemia results in hyper-reactivity to vasoconstrictors despite severe wall atrophy in human skeletal muscle small arteries **491.P**, 7*P*, 1996

HILLS F.A.

*HILLS F. A., FARKAS A., CRAWFORD R., DHANJAL M., OGUEH O. & CHARD T.* IGFBP-1 and fetal distress **494.P**, 42*P*, 1996

HILTON J.E.B.P.

*HILTON J. E. B. P. & WILLIAMS R. G.* Investigation into the nature of the nitrergic transmitter released in the rat stomach following vagal stimulation **495.P**, 105*P*, 1996

HIMSWORTH D.T.J. *see PRESTON J. E., HIMSWORTH D. T. J., ROMERO I. A., ABBOTT N. J. & HIPKISS A. R.* **491.P**, 39*P*, 1996

HIPKISS A.R. *see PRESTON J. E., HIMSWORTH D. T. J., ROMERO I. A., ABBOTT N. J. & HIPKISS A. R.* **491.P**, 39*P*, 1996

HIRST B.H. *see WALKER D., THWAITES D. T., SIMMONS N. L., GILBERT H. J. & HIRST B. H.* **493.P**, 70*P*, 1996

*see CRITCHLEY H. P., MATTHEWS C. J. & HIRST B. H.* **493.P**, 85*P*, 1996

HIRST G.D.S. *see BRAMICH N. J. & HIRST G. D. S.* **497.P**, 15*P*, 1996

*HIRST G. D. S., BRAMICH N. J., COUSINS H. M. & EDWARDS F. R.* Sympathetic neuro-effector transmission to pacemaker cells of the toad heart **497.P**, 2*S*, 1996

HLADKY S.B. *see HAINSWORTH A. H., BARRAND M. A. & HLADKY S. B.* **493.P**, 88*P*, 1996

*see VON WEIKERSTHAL S. F., HAINSWORTH A. H., HENDERSON R. M., HLADKY S. B. & BARRAND M. A.* **494.P**, 58*P*, 1996

*see VON WEIKERSTHAL S. F., BARRAND M. A. & HLADKY S. B.* **495.P**, 91*P*, 1996

*see HAINSWORTH A. H., BARRAND M. A. & HLADKY S. B.* **495.P**, 122*P*, 1996

HO W.-K. *see PARK M. K., LEE S. H., HO W.-K. & EARM Y. E.* **497.P**, 77*P*, 1996

HOBAI I.A.

*HOBAI I. A., BATES J. A., HOWARTH F. C. & LEVI A. J.* Differential inhibition of the sodium/calcium exchange and L-type calcium channel by external cadmium ions in isolated rabbit ventricular myocytes **494.P**, 108*P*, 1996

HODSON E.A.M. *see JOHNS E. C., HODSON E. A. M., FISH H., LYMN J. S., THURSTON H., MULLIGAN I. P. & ASHLEY C. C.* **497.P**, 51*P*, 1996

HOEY E. *see SCHOLFIELD C. N., HOEY E. & TRIMBLE E. R.* **495.P**, 90*P*, 1996

HOGGARD N. *see MERCER J. G., HOGGARD N., LAWRENCE C. B., RAYNER D. V. & TRAYHURN P.* **495.P**, 113*P*, 1996

HOLDCROFT A. *see SAPSED-BYRNE S. & HOLDCROFT A.* **495.P**, 25*P*, 1996

HOLDEN A.V. *see ZHANG H., BOYETT M. R. & HOLDEN A. V.* **497.P**, 8*P*, 1996

HOLDEN-DYE L. *see WHITE A. R., BASCAL Z., HOLDEN-DYE L. & WALKER R. J.* **491.P**, 108*P*, 1996

*HOLDEN-DYE L., BROWNLEE D. J. A. & WALKER R. J.* The effects of GABA and the neuropeptide KPNFIRFamide (PF4) on the somatic muscle cells of the parasitic nematode *Ascaris suum* **495.P**, 32*P*, 1996

*see BROWNLEE D. J., HOLDEN-DYE L. & WALKER R. J.* **495.P**, 41*P*, 1996

HOLDER D.S. *see RAO A., HANQUAN Y. & HOLDER D. S.* **494.P**, 8*P*, 1996

*see RAO A., HANQUAN Y. & HOLDER D. S.* **494.P**, 46*P*, 1996

HOLDER-POWELL H.M.

*HOLDER-POWELL H. M. & RUTHERFORD O. M.* Long-term weakness following musculoskeletal injury in the human quadricep and hamstring muscle groups **491.P**, 79*P*, 1996

HOLEMANS K.

*HOLEMANS K., VAN BREE R., VERHAEGHE J. & VAN ASSCHE F. A.* Glucose metabolism by individual tissues *in vivo* in adult offspring of maternal diabetic or underfed rats **494.P**, 38*P*, 1996

HOLLANDS M.A. *see CROWDY K., HOLLANDS M. A., MONTGOMERY A. S., MARPLE-HORVAT D. E., ARMSTRONG D. M. & FERGUSON I. T.* **493.P**, 14*P*, 1996

*see MARPLE-HORVAT D. E., CRIADO J. M., HOLLANDS M. A. & ARMSTRONG D. M.* **493.P**, 9*S*, 1996

HOLLEY M.C. *see GRIX N., HOLLEY M. C. & NISHIDA Y.* **493.P**, 14*P*, 1996

*see TOLOMEO J. & HOLLEY M. C.* **493.P**, 14*P*, 1996

HOLLYWOOD M.A. *see COTTON K. D., HOLLYWOOD M. A., MCHALE N. G. & THORNBURY K. D.* **495.P**, 98*P*, 1996

*HOLLYWOOD M. A., COTTON K. D., THORNBURY K. D. & MCHALE N. G.* Fast sodium current in isolated lymphatic smooth muscle cells of the sheep **495.P**, 98*P*, 1996

HOLROYD B. *see STANTON A. W. B., HOLROYD B., NORTHFIELD J. W., LEVICK J. R. & MORTIMER P. S.* **491.P**, 39*P*, 1996

HÖLSCHER C.

*HÖLSCHER C., MCGLINCHEY L., ANWYL R. & ROWAN M. J.* Long-term potentiation in area CA1 of the rat hippocampus is not required for spatial learning **495.P**, 63*P*, 1996

HONDA Y.

*HONDA Y.* Dual functions of the carotid body: a hypothesis based on observations in patients with its resection **497.P**, 26*P*, 1996

HONGO K. *see BRETTE F., HONGO K., HAROON M. M. & WHITE E.* **491.P**, 157*P*, 1996

*see AUCLERC-PASCAREL C., HONGO K., CAZORLA O., GARNIER D., WHITE E. & LE GUENNEC J.-Y.* **491.P**, 161*P*, 1996

HONJO H. *see NIKMARAM M. R., KODAMA I., BOYETT M. R., SUZUKI R. & HONJO H.* **491.P**, 154*P*, 1996

*HONJO H., BOYETT M. R. & KODAMA I.* The density of the TTX-sensitive $Na^+$ current and the hyperpolarization-activated current in rabbit sinoatrial node cells depends on cell size **491.P**, 154*P*, 1996

*see BOYETT M. R., KODAMA I., SUZUKI R. & HONJO H.* **497.P**, 44*P*, 1996

HONOUR J. *see ROUND J. M., NEVILL A. M., HONOUR J. & JONES D. A.* **491.P**, 79*P*, 1996

HOOD A.J.C. *see WILSON C. F. & HOOD A. J. C.* **495.P**, 106*P*, 1996

HOPE A.G. *see BROWN A. M., HOPE A. G., PETERS J. A. & LAMBERT J. J.* **495.P**, 85*P*, 1996

HOPE J. *see JOHNSTON A., BLACK C., FRASER J., MANSON J., HOPE J., CLARKE A. & MACLEOD N.* **495.P**, 15*P*, 1996

HOPKINS P. *see QUINN C., LEACH R., OWEN J. M., ZANG W. J., HOPKINS P., FINDLAY J. B. C. & BOYETT M. R.* **497.P**, 46*P*, 1996

HOPKINS P.M. *see MORRIS T. J., AZIZ A., MUSTAFA M. A., HOPKINS P. M. & WINLOW W.* **497.P**, 116*P*, 1996

HOPKINS S.J. *see LUHESHI G. N., MILLER A. J., HOPKINS S. J. & ROTHWELL N. J.* **493.P**, 102*P*, 1996

*see MILLER A. J., LUHESHI G. N., HOPKINS S. J. & ROTHWELL N. J.* **493.P**, 102*P*, 1996

HORDER T.J. *see BOYD C. A. R., HORDER T. J., KIDD C., ROSENBERG M. E., TANSEY E. M., WEST J. B. & WHIPP B. J.* **494.P**, 28*P*, 1996

HORNBY D. *see LI Q., PARKER A., HORNBY D. & WHITE S. J.* **493.P**, 92*P*, 1996

*see AUSTIN N., LI Q., HORNBY D. & WHITE S.* **497.P**, 94*P*, 1996

HORNE A.L. *see HALLIWELL J. V. & HORNE A. L.* **494.P**, 82*P*, 1996

*HORNE A. L. & HALLIWELL J. V.* Responses to GABA of granule cells isolated from the olfactory tubercle of the rat **494.P**, 83*P*, 1996

HOROWITZ B.

*HOROWITZ B., VOGALIS F., VINCENT T., QUERSHI I., SCHMALZ F. & WARD M.* Cloning and characterization of the BK channel $\alpha$ and $\beta$ subunits from canine gastrointestinal smooth muscle **495.P**, 90*P*, 1996

HORWITZ E.R. *see HIGGINS T. M., HORWITZ E. R. & HARVEY B. J.* **495.P**, 124*P*, 1996

HOSIE A.M.

*HOSIE A. M., MATSUDA K. & SATTELLE D. B.* Expressed homo-oligomeric *Drosophila melanogaster* GABA receptors offer insights into the characteristic pharmacology of native insect GABA receptors **495.P**, 40*P*, 1996

HOSSAIN M.

*HOSSAIN M. & KARIM F.* Role of endothelium-derived nitric oxide in hindquarter reactive hyperaemia in anaesthetized rats **497.P**, 78*P*, 1996

HOUGHTON A. *see REES H., HOUGHTON A., CHEN P.-S., AL CHEAR E. D., WESTLUND K. N. & WILLIS W. D.* **495.P**, 20*P*, 1996

HOUGHTON A.K. *see OGILVIE J., HOUGHTON A. K., BHANDARI R. N. B. & CLARKE R. W.* **491.P**, 112*P*, 1996

*see CLARKE R. W., HOUGHTON A. K., PARRY-BAGGOTT C. & OGILVIE J.* **493.P**, 41*P*, 1996

*see* BHANDARI R. N. B., CARTER T., HOUGHTON A. K. & CLARKE R. W. **495.P**, 25*P*, 1996

HOULISTON R.A. *see* WHEELER-JONES C. P. D., HOULISTON R. A., MORGAN A. J. & PEARSON J. D. **491.P**, 12*P*, 1996

HOWARD L.S.G.E.
*HOWARD L. S. G. E., POULIN M. J. & ROBBINS P. A.* Changes in respiratory control during 48 h of hypoxia in humans **491.P**, 51*P*, 1996

HOWARTH F.C.
*HOWARTH F. C., LEVI A. J. & HANCOX J. C.* Characteristics of the delayed potassium current ($I_K$) in atrioventricular nodal myocytes isolated from the rabbit heart **491.P**, 155*P*, 1996
*see* LEVI A. J., HANCOX J. C., HOWARTH F. C., VINNICOMBE J. & CROKER J. **493.P**, 3*P*, 1996
*HOWARTH F. C., BATES J. A. & LEVI A. J.* An effect of temperature on the affinity for $Ca^{2+}$ of fluo-3 and fura-2 *in vitro* **493.P**, 13*P*, 1996
*see* HOBAI I. A., BATES J. A., HOWARTH F. C. & LEVI A. J. **494.P**, 108*P*, 1996
*HOWARTH F. C., BATES J. A. & LEVI A. J.* An effect of free intracellular Mg and [Mg-ATP] on the voltage dependence of phasic contraction and the $Ca_i$ transient in isolated rabbit ventricular myocytes **494.P**, 109*P*, 1996

HOWD A.G.
*HOWD A. G., KIRVELL S. L. & BUTT A. M.* GABA-mediated changes in extracellular potassium in the developing rat optic nerve **494.P**, 89*P*, 1996

HOWELL J.H.
*HOWELL J. H. & CROSS B. A.* Modelling the ventilatory response to exercise performed against a background of normocapnia and hypocapnia in man **491.P**, 77*P*, 1996

HSIAO S.-F. *see* NEWHAM D. J. & HSIAO S.-F. **491.P**, 71*P*, 1996

HUANG C.
*HUANG C. & JOHNS E. J.* Effect of nitrendipine on renal interstitial hydrostatic pressure in anaesthetized 2K1C Goldblatt and DOCA-salt hypertensive rats **493.P**, 97*P*, 1996
*HUANG C. & JOHNS E. J.* Effect of losartan on reflex renal nerve-mediated antinatriuresis in anaesthetized rats **497.P**, 92*P*, 1996
*see* ZHANG T., HUANG C. & JOHNS E. J. **497.P**, 95*P*, 1996

HUANG C.-C.
*HUANG C.-C., BASAVAPPA S. & ELLORY J. C.* Volume-activated intracellular calcium regulation in K562 erythroleukaemic cells **493.P**, 93*P*, 1996

HUANG X.F. *see* KULIAWAT R., HUANG X. F., PRABAKARAN D. & ARVAN P. **494.P**, 5*S*, 1996

HUBBARD P.C.
*HUBBARD P. C., BALMENT R. J. & MCCROHAN C. R.* 5-Hydroxytryptamine hyperpolarizes neuroendocrine Dahlgren cells of the flounder (*Platichthys flesus*) *in vitro* **495.P**, 38*P*, 1996

HUCKLEBRIDGE F. *see* CLOW A., HIGUCHI K., LAMBERT S., HUCKLEBRIDGE F. & ROTHWELL J. C. **491.P**, 73*P*, 1996

HUDLICKA O. *see* ANDERSON S. I., HUDLICKA O. & BROWN M. D. **491.P**, 28*P*, 1996
*see* ZHOU A.-L., EGGINTON S. & HUDLICKA O. **491.P**, 28*P*, 1996

HUERTA P. *see* LOZANO M., MARTÍN J. A., TRIGO R. M., GÓMEZ C. & HUERTA P. **493.P**, 141*S*, 1996

HUGHES P.D. *see* POLKEY M. I., KYROUSSIS D., HUGHES P. D., RAFFERTY G. F., GREEN M. & MOXHAM J. **494.P**, 92*P*, 1996

HUGHES S.
*HUGHES S., LOWRIE M. B. & SMITH M. E.* Glutamate receptors in motoneurones after nerve section in the neonatal rat **491.P**, 150*P*, 1996
*HUGHES S., SMITH M. E. & LOWRIE M. B.* The effect of sciatic nerve section in the neonatal rat on the density of NMDA receptors in spinal motoneurones **494.P**, 87*P*, 1996
*see* CASSAR M., JONES M., HUGHES S. & SZATKOWSKI M. **495.P**, 54*P*, 1996

HULBERT A.J. *see* HELGE J. W., AYRE K., HULBERT A. J. & STORLIEN L. **491.P**, 63*P*, 1996

HULLIGER M.
*HULLIGER M., BANKS R. W. & GEMMILL J. F.* A method for the study of the effects of combining multiple pseudorandom fusimotor inputs on the responses of muscle-spindle primary endings in peroneus tertius of the anaesthetized cat **494.P**, 71*P*, 1996

HULME J.T.
*HULME J. T. & ORCHARD C. H.* Acidosis increases transient outward potassium current in rat cardiac muscle **497.P**, 46*P*, 1996
*see* FAWCETT J. M., HULME J. T., HARRISON S. M., WALKER J. H. & ORCHARD C. H. **497.P**, 57*P*, 1996

HULTMAN E. *see* GREEN A. L., SEWELL D. A., SIMPSON L., HULTMAN E., MACDONALD I. A. & GREENHAFF P. L. **491.P**, 63*P*, 1996
*see* TIMMONS J. A., GUSTAVSSON T., JANSSON E., HULTMAN E., SUNDBERG C. J., KALJSER L., CHWALBINSKA-MONETA J., CONSTANTIN-TEODOSIU D., MACDONALD I. A. & GREENHAFF P. L. **495.P**, 133*P*, 1996

HUNDAL H.S. *see* SHAH S. W., MCARDLE H. J. & HUNDAL H. S. **493.P**, 84*P*, 1996

HUNT S.P.
*HUNT S. P.* Is there a function for immediate early gene expression in the nervous system? **491.P**, 16*S*, 1996

HUNTER M. *see* ROBSON L. & HUNTER M. **493.P**, 68*P*, 1996
*see* ROBSON L., WRAGG S. & HUNTER M. **497.P**, 88*P*, 1996

HURST R.D.
*HURST R. D. & CLARK J. B.* Irreversible inhibition of endothelial cell mitochondrial respiratory chain activity does not mimic nitric oxide-induced blood–brain barrier dysfunction **497.P**, 118*P*, 1996

HUSSAIN A. *see* CHIPPERFIELD A. R., DAVIS J. P. L., HARPER A. A. & HUSSAIN A. **491.P**, 45*P*, 1996

HUSSAIN B. *see* JUMA L., SINGH J., HUSSAIN B., PALLOT D. & ADEGHATE E. **493.P**, 89*P*, 1996

HUSSAIN J.F.
*HUSSAIN J. F. & MAHAUT-SMITH M. P.* ADP evokes oscillations of an $IP_3$-dependent monovalent cation current in rat megakaryocytes **497.P**, 121*P*, 1996

HUSSAIN M.
*HUSSAIN M., DRAGO G. A., COLYER J. & ORCHARD C. H.* Inhibitors of $Ca^{2+}$–calmodulin-dependent protein kinase II (CaM kinase II) do not prevent rate-dependent abbreviation of the $Ca^{2+}$ transient in isolated rat ventricular myocytes **497.P**, 49*P*, 1996
*HUSSAIN M. & ORCHARD C. H.* The effect of intracellular $Cs^+$ on the $Ca^{2+}$ transient during $\beta$-adrenergic stimulation of isolated rat ventricular myocytes under voltage clamp **497.P**, 56*P*, 1996
*see* DRAGO G. A. & HUSSAIN M. **497.P**, 57*P*, 1996

HUSSAIN T. *see* WITHERS M., HUSSAIN T., DONLON M., WARD S. A. & WHIPP B. J. **493.P**, 32*P*, 1996

HUSSY N.
*HUSSY N., DELEUZE C., PANTALONI A., DESARMÉNIEN M. G. & MOOS F.* Regulation by taurine of the activity of rat supraoptic magnocellular neurones **495.P**, 119*P*, 1996

HUTSON P. *see* BONNESS V., CATSICAS M., CUNNINGHAM J., HUTSON P., MURRAY F., NEAL M. & MOBBS P. **494.P**, 79*P*, 1996

HUTTER J.A. *see* SULEIMAN M.-S., DIHMIS W. C., CAPUTO M., ANGELINI G. D., HUTTER J. A. & BRYAN A. J. **491.P**, 160*P*, 1996

HUTTER O.F. *see* NICHOL J. A. & HUTTER O. F. **495.P**, 83*P*, 1996

HUTTNER W.
*HUTTNER W.* Biogenesis of neurosecretory vesicles **494.P**, 5*S*, 1996

HUTTON J.C.
*HUTTON J. C., CREEMERS J. W. M., BRIGHT N. A. & USAC E. F.* Sorting of members of the subtilisin family of proteases into the regulated pathway of secretion. Studies with chimaeric constructs of furin and the type 2 pro-insulin convertase (PC2) **494.P**, 6*S*, 1996

HYND J. *see* CLARKE S. B., DRAKE-HOLLAND A. J., HYND J., NOBLE M. I. M. & SEYMOUR A.-M. L. **493.P**, 28*P*, 1996
*see* CLARKE S. B., DRAKE-HOLLAND A. J., HYND J., WRIGHT Z., MANSARAY M., NOBLE M. I. M. & SEYMOUR A.-M. L. **497.P**, 50*P*, 1996

IDOATE I. *see* URDANETA E., IDOATE I. & LARRALDE J. **493.P**, 103*S*, 1996

IGLESIAS G.M.
*IGLESIAS G. M., MOYA A., RABUÑAL R. & LIMA L.* *N*-methyl-D-aspartic acid (NMDA) and nitric oxide (NO) modulate growth hormone (GH) secretion in rats **493.P**, 41*S*, 1996

IGLESIAS M.A. *see* LÓPEZ-LUNA P., IGLESIAS M. A., MARTÍNEZ S., MUÑOZ C. & HERRERA E. **493.P**, 139*S*, 1996

ILES J.F.
*ILES J. F.* Recruitment of the vastus lateralis motor pool by corticospinal volleys in man during the activation of recurrent inhibition **494.P**, 65*P*, 1996

ILLERT M. *see* MAIER M. A., ILLERT M., KIRKWOOD P. A., NIELSEN J. & LEMON R. N. **494.P**, 63*P*, 1996

ILUNDIN A.A.
*ILUNDIN A. A.* Cytosolic pH regulation in enterocytes: recovery from an acid load **493.P**, 96*S*, 1996
*see* CALONGE M. L., DE LA HORRA C. & ILUNDIN A. A. **493.P**, 102*S*, 1996
*see* DE LA HORRA C., CALONGE M. L., GRIBBLE S. M., WOOD I. S., ILUNDIN A. A. & SHIRAZI-BEECHEY S. P. **493.P**, 102*S*, 1996

IMMS F.J. *see* LAWTON G. S., IYAWE V. I. & IMMS F. J. **491.P**, 70*P*, 1996

Ingham C.J.

*Ingham C. J. & Toescu E. C.* Intracellular $Ca^{2+}$ pools in acutely dissociated rat cerebellar granule cells **491.P**, 134*P*, 1996

Inglés A.C.

*Inglés A. C., Hernández I., Pérez M. C., Quesada T. & Carbonell L. F.* Effect of *N*-acetyl-L-cysteine in splanchinc artery occlusion shock **493.P**, 70*S*, 1996

Ingram C.D. *see Windle R. J., Shanks N., Wood S., Lightman S. L. & Ingram C. D.* **493.P**, 44*P*, 1996

*see Windle R. J., Shanks N., Shiles P. A., Wood S., Lightman S. L. & Ingram C. D.* **495.P**, 108*P*, 1996

Inoue I. *see Brown E. R., Chrachri A., Inoue I. & Tsutsui I.* **491.P**, 106*P*, 1996

*see Brown E. R., Inoue I. & Tsutsui I.* **495.P**, 34*P*, 1996

Irarrázabal C. *see Angelo S., Irarrázabal C., Cartier E. & Devés R.* **493.P**, 115*S*, 1996

Irving A.J.

*Irving A. J., Palmer M. J., Harvey J., Seabrook G. R. & Collingridge G. L.* Long-term depression of synaptic transmission in the adult rat hippocampus *in vitro* by coactivation of NMDA and group I metabotropic glutamate receptors **495.P**, 49*P*, 1996

Irving M. *see Folkes D., Millar N. & Irving M.* **491.P**, 123*P*, 1996

Ishiguro H. *see Case R. M., Ishiguro H., Lindsay A. R. G. & Steward M. C.* **493.P**, 94*S*, 1996

*Ishiguro H., Steward M. C. & Case R. M.* Bicarbonate secretion in guinea-pig pancreatic ducts is not dependent on basolateral $Na^+$–$H^+$ exchange **493.P** 105*P*, 1996

Ishihata H.

*Ishihata H. & Matthews B.* The use of photoplethysmography for investigating blood flow in teeth **493.P**, 5*P*, 1996

Ishii T. *see Sato H., Siow R. C. M., Taketani S., Ishii T., Bannai S. & Mann G. E.* **491.P**, 41*P*, 1996

Israel A. *see Mathison Y., Acuña Y., Campos H. & Israel A.* **493.P**, 83*S*, 1996

*see Garrido M. R. & Israel A.* **493.P**, 119*S*, 1996

*Israel A. & Garrido M. R.* Signalling pathways of angiotensin II $AT_2$ receptor in adrenal medulla and brain inferior olive **493.P**, 119*S*, 1996

Issberner J. *see Takagishi Y., Issberner J., Rothery S., Levi A. J. & Severs N. J.* **491.P**, 163*P*, 1996

Ivins M.

*Ivins M. & Cole J.* Proprioception in space: a video of the sense of arm and leg position in microgravity **494.P**, 5*P*, 1996

Ivorra I. *see Aleu J., Ivorra I., Lejarreta M., Gal B., González-Ros J. M., Ferragut J. A. & Morales A.* **493.P**, 163*S*, 1996

Iyawe V.I. *see Lawton G. S., Iyawe V. I. & Imms F. J.* **491.P**, 70*P*, 1996

Izzat M.B. *see Jeremy J. Y., Dashwood M. R., Timm M., Izzat M. B., Mehta D., Bryan A. J. & Angelini G. D.* **491.P**, 17*P*, 1996

Jaap A.J. *see Morris S. J., Shore A. C., Jaap A. J. & Tooke J. E.* **491.P**, 14*P*, 1996

Jacob R. *see Fuentes E., Nadal A., Jacob R. & McNaughton P. A.* **491.P**, 10*P*, 1996

*see Morgan A. J. & Jacob R.* **491.P**, 11*P*, 1996

*see Morgan A. J. & Jacob R.* **491.P**, 42*P*, 1996

Jacob S. *see Kalia N., Morton D., Jacob S., Reed M. W. R., Bardhan K. D. & Brown N. J.* **491.P**, 31*P*, 1996

Jacob T.J.C.

*Jacob T. J. C. & Zhang J. J.* Swelling-induced $Cl^-$ channels in on-cell patches of bovine pigmented and non-pigmented ciliary epithelial cells **493.P**, 79*P*, 1996

*see Camodeca N. & Jacob T. J. C.* **493.P**, 86*P*, 1996

Jacobs M. *see Jay M. T., Chirico S., Bruckdorfer R., Jacobs M., Leake D. S., Pearson J. D. & Mann G. E.* **491.P**, 9*P*, 1996

*see Chirico S., Jay M. T., Mann G. E., Pearson J. D., Jacobs M. & Bruckdorfer K. R.* **491.P**, 33*P*, 1996

Jadesimi A.A. *see Morris J. F., Wang H. & Jadesimi A. A.* **494.P**, 11*S*, 1996

Jagger D.J.

*Jagger D. J. & Ashmore J. F.* Calcium activation of cationic currents in isolated outer hair cells of the guinea-pig **493.P**, 13*P*, 1996

*Jagger D. J. & Ashmore J. F.* Effects of chloride channel blocker DCDPC on ionic currents in outer hair cells isolated from the guinea-pig cochlea **494.P**, 58*P*, 1996

Jagger E. *see Pambakian P. S., Jagger E., Beeby J. H., Torsney C. & Henderson Z.* **497.P**, 100*P*, 1996

Jahanshahi M. *see Brown R. G., Rothwell J. C., Ridding M. C. & Jahanshahi M.* **491.P**, 120*P*, 1996

*see Brown R. G., Jahanshahi M., Limousin P. & Rothwell J. C.* **494.P**, 66*P*, 1996

Jakeman P.M.

*Jakeman P. M. & Maxwell S. R. J.* The effects of exercise on serum total antioxidant activity and the influence of training in humans **495.P**, 144*P*, 1996

Jakubík J.

*Jakubík J., Bačáková L., El-Fakahany E. E. & Tuček S.* Muscarinic antagonists reveal constitutive activity of the $M_1$–$M_4$ subtypes of muscarinic receptors expressed in CHO cell lines or cardiomyocytes **491.P**, 138*P*, 1996

Jamal G.A. *see Julu P. O. O., Hansen S. & Jamal G. A.* **491.P**, 85*P*, 1996

*see Julu P. O. O., Gow J. W. & Jamal G. A.* **494.P**, 69*P*, 1996

*see Julu P. O. O., Hansen S., Barnes A. & Jamal G. A.* **497.P**, 7*P*, 1996

James R. *see Cox V., James R., Ashley Z. & Goldspink D.* **497.P**, 38*P*, 1996

Jane D.E. *see Cao C. Q., Tse H.-W., Evans R. H., Headley P. M. & Jane D. E.* **493.P**, 51*P*, 1996

Jänig W.

*Jänig W. & Levine J. D.* Role of the sympathetic nervous system in neurogenic inflammation: a new idea **497.P**, 5*S*, 1996

Jansson E. *see Timmons J. A., Gustavsson T., Jansson E., Hultman E., Sundberg C. J., Kaijser L., Chwalbinska-Moneta J., Constantin-Teodosiu D., Macdonald I. A. & Greenhaff P. L.* **495.P**, 133*P*, 1996

Jansson T. *see Doughty I. M., Glazier J. D., Powell T. L., Jansson T. & Sibley C. P.* **494.P**, 31*P*, 1996

Janvier N.C.

*Janvier N. C. & Boyett M. R.* The use of the action potential clamp technique to measure inward $Na^+$–$Ca^{2+}$ exchange current during the action potential in isolated ferret ventricular myocytes **491.P**, 155*P*, 1996

*see McMorn S. O., Janvier N. C. & Boyett M. R.* **494.P**, 113*P*, 1996

*see Boyett M. R. & Janvier N. C.* **497.P**, 54*P*, 1996

Jara A. *see Fuentes O., Oliva P., Vargas C., Jara A., Contreras R. & Sobrevia L.* **493.P**, 91*P*, 1996

Jaumot M. *see Bachs O., Agell N., Bosser R., Castro A., Faura M., Jaumot M., Pancetti F., Pujol M. J. & Rius E.* **493.P**, 158*S*, 1996

Jay M.T.

*Jay M. T., Chirico S., Bruckdorfer R., Jacobs M., Leake D. S., Pearson J. D. & Mann G. E.* Effects of native and oxidatively modified low density lipoprotein on L-arginine transport and synthesis of nitric oxide and prostacyclin in human cultured umbilical vein endothelial cells **491.P**, 9*P*, 1996

*see Chirico S., Jay M. T., Mann G. E., Pearson J. D., Jacobs M. & Bruckdorfer K. R.* **491.P**, 33*P*, 1996

Jeal S.

*Jeal S., Turner S. L., Smith M. E. & Bailey C. J.* Effect of $\beta$-endorphin on glucose uptake *in vitro* in insulin-resistant muscles of obese-diabetic (*ob/ob*) mice **491.P**, 131*P*, 1996

Jefferys J.G.R. *see Whittington M. A., Traub R. D. & Jefferys J. G. R.* **491.P**, 140*P*, 1996

Jennett S. *see Vogiatzis I., Paterson K., Skeats M. & Jennett S.* **491.P**, 58*P*, 1996

Jensen L. *see Schubert M., Curt A., Jensen L. & Dietz V.* **494.P**, 65*P*, 1996

Jeremy J.Y.

*Jeremy J. Y., Dashwood M. R., Timm M., Izzat M. B., Mehta D., Bryan A. J. & Angelini G. D.* Nitric oxide synthase and adenylyl and guanylyl cyclase activity in porcine venous-arterial grafts **491.P**, 17*P*, 1996

*Jeremy J. Y., Sullivan M., Thompson C. S., Mikhailidis D. P., Morgan R. J. & Angelini G. D.* Receptor-linked prostacyclin synthesis is diminished in the aorta of the diabetic rabbit **493.P**, 21*P*, 1996

Jess T.J. *see Kellett G. L., Corpe C. P., Basaleh M., Affleck J., Gould G. W. & Jess T. J.* **493.P**, 65*P*, 1996

Jessen K.R. *see Tabernero A., Stewart H. J. S., Bradke F., Jessen K. R. & Mirsky R.* **493.P**, 162*S*, 1996

Jessop D.S. *see Harbuz M. S., Jessop D. S., Chowdrey H. S., Larsen P. J. & Lightman S. L.* **493.P**, 44*S*, 1996

Jetten I. *see de Haan A., Koudijs J. C. M., Jetten I., Steeghs K. & Wevers R. A.* **491.P**, 125*P*, 1996

Jia Y.

*Jia Y., Dutia M. B. & Russell J. A.* Inhibition of electrophysiologically identified rat vasopressin and oxytocin neurones by the $\kappa$-opioid agonist U-50,488 *in vitro* **495.P**, 114*P*, 1996

Jia Y.-S.

*Jia Y.-S., Liu Q.-S. & Ju G.* Nitric oxide inhibits the electrical activity of rat supraoptic nucleus neurones *in vitro* **494.P**, 139*P*, 1996

JIANG W.

*JIANG W. & MORRISON J. F. B.* Modulation of capsaicin-induced responses of bladder mechanoreceptors by Ruthenium Red in the anaesthetized rat **497.P**, 19*P*, 1996

*JIANG W., KIBBLE A. & MORRISON J. F. B.* Diversity in pelvic nerve afferent neurones from the bladder of the anaesthetized rat **497.P**, 6*S*, 1996

JIMÉNEZ C. *see GARCÍA-DÍAZ J. F., JIMÉNEZ C., REPRESA J. & GIRÁLDEZ F.* **493.P**, 152*S*, 1996

JIMÉNEZ R. *see FERNÁNDEZ E., RUIZ J., MORÁN D., GONZÁLEZ-BUITRAGO J. M., GALÁN A. I., MUÑOZ M. E. & JIMÉNEZ R.* **493.P**, 113*S*, 1996

*see GALÁN A. I., FERNÁNDEZ E., MORENO C., GONZÁLEZ-BUITRAGO J. M., MUÑOZ M. E. & JIMÉNEZ R.* **493.P**, 113*S*, 1996

*see MORÁN D., GALÁN A. I., FERNÁNDEZ E., MORENO C., JIMÉNEZ R. & MUÑOZ M. E.* **493.P**, 114*S*, 1996

JOBBÁGY Á. *see MONOS E., GYÖNGY L. & JOBBÁGY Á.* **491.P**, 75*P*, 1996

JOHNS E.C.

*JOHNS E. C., HODSON E. A. M., FISH H., LYMN J. S., THURSTON H., MULLIGAN I. P. & ASHLEY C. C.* Slowing of relaxation rate, following photolysis of diazo-2, in skinned, glycerinated trabeculae from hypertrophied SHR left ventricle **497.P**, 51*P*, 1996

JOHNS E.J. *see BRISTOW G. D. & JOHNS E. J.* **493.P**, 62*P*, 1996

*see MARSHALL J. L. & JOHNS E. J.* **493.P**, 71*P*, 1996

*see HUANG C. & JOHNS E. J.* **493.P**, 97*P*, 1996

*see ZHANG T. & JOHNS E. J.* **493.P**, 99*P*, 1996

*see REHMAN A. & JOHNS E. J.* **493.P**, 106*P*, 1996

*see BRISTOW G. D., ZHANG T. & JOHNS E. J.* **497.P**, 73*P*, 1996

*see HUANG C. & JOHNS E. J.* **497.P**, 92*P*, 1996

*see WONG P. S. K. & JOHNS E. J.* **497.P**, 93*P*, 1996

*see ZHANG T., HUANG C. & JOHNS E. J.* **497.P**, 95*P*, 1996

JOHNSON C.D.

*JOHNSON C. D., SMITH J. E. & GILBEY M. P.* Sympathetic activity recorded focally from identified blood vessels in the tail of the anaesthetized rat **494.P**, 8*P*, 1996

*see GILBEY M. P. & JOHNSON C. D.* **494.P**, 16*S*, 1996

JOHNSON G.D. *see ROMÁN I. D., JOHNSON G. D. & COLEMAN R.* **493.P**, 156*S*, 1996

JOHNSTON A.

*JOHNSTON A., BLACK C., FRASER J., MANSON J., HOPE J., CLARKE A. & MACLEOD N.* Membrane properties and synaptic plasticity in mouse CA1 hippocampal neurones infected with ME-7 scrapie or lacking the prion protein, studied *in vitro* **495.P**, 15*P*, 1996

*see MACLEOD N., EDGAR J. & JOHNSTON A.* **495.P**, 153*P*, 1996

JOHNSTONE H. *see DOUGLAS A. J., JOHNSTONE H., HATZINGER M., NEUMANN I., LANDGRAF R. & RUSSELL J. A.* **495.P**, 109*P*, 1996

JOHNSTONE H.A.

*JOHNSTONE H. A., SECKL J. R. & RUSSELL J. A.* Changes in 11$\beta$-hydroxysteroid dehydrogenase type 1 (11$\beta$-HSD 1) activity in the rat hypothalamic paraventricular nucleus (PVN) and anterior pituitary during pregnancy **495.P**, 116*P*, 1996

JOLLEY C.J.

*JOLLEY C. J., CUI L.-N. & DYBALL R. E. J.* Electrophysiological evidence for retinal inputs to the supraoptic nucleus in the rat **491.P**, 176*P*, 1996

JONDET A.

*JONDET A., BIDON J.-C., BLIN M., VU A. T. & GOGNY M.* Impairment of acetylcholine (ACh)-induced relaxation in passively sensitized guinea-pig aorta **491.P**, 43*P*, 1996

JONES A.K.E. *see MORGAN D. M. L. & JONES A. K. E.* **491.P**, 33*P*, 1996

JONES D.A. *see ROUND J. M., NEVILL A. M., HONOUR J. & JONES D. A.* **491.P**, 79*P*, 1996

JONES G.

*JONES G. & POSTON L.* The influence of modulators of nitric oxide synthesis on spontaneous human myometrial contractility *in vitro* **491.P**, 167*P*, 1996

JONES G.V. *see CARE A. D., ABBAS S. K., JONES G. V., ROBINSON J. & WOODING F. B. P.* **494.P**, 30*P*, 1996

JONES J.F.X. *see LANGDON M. G., NOLAN P., JONES J. F. X. & O'REGAN R. G.* **494.P**, 101*P*, 1996

*JONES J. F. X. & DALY M. DE B.* Reflex cardiac dromotropic action of stimulation of the peripheral arterial chemoreceptors in the anaesthetized cat **495.P**, 29*P*, 1996

JONES J.V. *see DALTON G. R., LEVI A. J., EVANS S. J. & JONES J. V.* **491.P**, 158*P*, 1996

*see MAYS J. L., SALMON A. H. J., DALTON G. R., EVANS S. J., JONES J. V. & LEVI A. J.* **493.P**, 28*P*, 1996

JONES L.K. *see GOULDSBOROUGH I., ASHTON N., JONES L. K. & HARRISON J.* **493.P**, 97*P*, 1996

JONES M. *see CASSAR M., JONES M., HUGHES S. & SZATKOWSKI M.* **495.P**, 54*P*, 1996

JONES M.W.

*JONES M. W. & HEADLEY P. M.* A comparison between memantine and ketamine as blockers of NMDA receptor-mediated nociceptive responses in the spinal cord of the anaesthetized rat **491.P**, 113*P*, 1996

*JONES M. W. & HEADLEY P. M.* Do metabotropic glutamate receptors increase dorsal horn neurone excitability via 4-AP-sensitive potassium currents ? **495.P**, 48*P*, 1996

JORDAN N. *see DIXON J., JORDAN N., DETTMAR P. W., PEARSON J. P. & ALLEN A.* **495.P**, 105*P*, 1996

JOVER T. *see ALBORCH E., ALABADÍ J. A., TORREGROSA G., JOVER T. & CENTENO J. M.* **493.P**, 72*S*, 1996

JU G. *see JIA Y.-S., LIU Q.-S. & JU G.* **494.P**, 139*P*, 1996

JUANOLA C. *see RODRÍGUEZ-MEMBRILLA A., JUANOLA C. & VERGARA P.* **493.P**, 106*S*, 1996

JULER J. *see ALARCÓN G., GARCÍA SEOANE J. J., JULER J., BINNIE C. D., POLKEY C. E., ELWES R. D. C. & BLASCO J. O.* **493.P**, 30*S*, 1996

JULU P.O.O.

*JULU P. O. O., HANSEN S. & JAMAL G. A.* Is baroreflex responsiveness (BRR) a function of height during isometric muscle contraction in human volunteers? **491.P**, 85*P*, 1996

*JULU P. O. O., GOW J. W. & JAMAL G. A.* Streptozotocin (STZ) diabetes affects the expression of cyclo-oxygenase-one (COX1) gene in peripheral nerves of the rat **494.P**, 69*P*, 1996

*JULU P. O. O., HANSEN S., BARNES A. & JAMAL G. A.* Continuous measurement of the cardiac component of arterial baroreflex (CCBR) in real time during isometric exercise in human volunteers **497.P**, 7*P*, 1996

JUMA L.

*JUMA L., SINGH J., HUSSAIN B., PALLOT D. & ADEGHATE E.* Interactions between the islet hormones and the classical secretagogues in the isolated rat pancreas **493.P**, 89*P*, 1996

JUNGER M. *see SHORE A. C., JUNGER M. & HAHN M.* **491.P**, 40*P*, 1996

JUPP N. *see LAKIE M., JUPP N., CAMPBELL K. S. & COMBES N.* **495.P**, 130*P*, 1996

JUSTE M.G. *see PIÉ J., ROSERO I., GARCÍA J. J., PIÉ A. JR, JUSTE M. G., MARTÍNEZ-BALLARÍN E., GROS P. & HERRERA E.* **493.P**, 120*S*, 1996

KAHLEM P. *see SIMONNEAU M., KAHLEM P. & BERTHELIER V.* **493.P**, 152*S*, 1996

KAIJSER L. *see TIMMONS J. A., GUSTAVSSON T., JANSSON E., HULTMAN E., SUNDBERG C. J., KAIJSER L., CHWALBINSKA-MONETA J., CONSTANTIN-TEODOSIU D., MACDONALD I. A. & GREENHAFF P. L.* **495.P**, 133*P*, 1996

KAILA K. *see TRAPP S., LÜCKERMANN M., KAILA K. & BALLANYI K.* **494.P**, 76*P*, 1996

KAJITA H.

*KAJITA H. & BROWN P. D.* GTP-$\gamma$-S activates the inward rectifying $Cl^-$ current in choroid plexus isolated from the rat by a process requiring the hydrolysis of ATP **493.P**, 86*P*, 1996

KALIA N.

*KALIA N., MORTON D., JACOB S., REED M. W. R., BARDHAN K. D. & BROWN N. J. Helicobacter pylori*-induced platelet aggregation in rat gastric mucosal microcirculation *in vivo* **491.P**, 31*P*, 1996

KAMBOJ R. *see BLEAKMAN D., SCHOEPP D. D., LODGE D., ORNSTEIN P. L., BUFTON H., SHARPE E. F., THOMAS K., BALLYK B. & KAMBOJ R.* **493.P**, 51*P*, 1996

KAMM D.

*KAMM D., SPIRIDON M., BILLUPS B. & ATTWELL D.* Effects of zinc on the glutamate uptake carrier of isolated salamander retinal glia **495.P**, 45*P*, 1996

KANEKO A. *see VAQUERO C. F., DE LA VILLA P., VELASCO A. & KANEKO A.* **493.P**, 14*S*, 1996

KAO E.-F.

*KAO E.-F., LIU I.-H., TSAI K.-L. & WU M.-L.* The capacitative $Ca^{2+}$ influx induced by cyclopiazonic acid is prevented by glycolytic inhibitors in $C_6$ glioma cells **497.P**, 120*P*, 1996

KARDOS A.

*KARDOS A. & CASADEI B.* Low-frequency blood pressure variability reflects the baroreflex modulation of sympathetic activity in man **497.P**, 14*P*, 1996

KARIM F. *see HOSSAIN M. & KARIM F.* **497.P**, 78*P*, 1996

KARLISH S.J.D.

*KARLISH S. J. D.* Organization of the membrane domain of the $Na^+$–$K^+$ pump **493.P**, 3*S*, 1996

KARPEN J.W.

*KARPEN J. W. & BROWN R. L.* Cyclic GMP binding to distinct subunits and activation of retinal rod cGMP-gated channels **491.P**, 10*S*, 1996

KASPAROV S.

*KASPAROV S. & PATON J. F. R.* Baroreceptor reflex efficacy changes in maturing anaesthetized rats **497.P**, 76*P*, 1996

KAUPP U.B. *see BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V.* **491.P**, 146*P*, 1996

*KAUPP U. B.* Family of cyclic nucleotide-gated ion channels **491.P**, 8*S*, 1996

*see BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V.* **491.P**, 9*S*, 1996

KAVANAUGH M. *see ZERANGUE N., WADICHE J. & KAVANAUGH M.* **493.P**, 2*S*, 1996

KAZNACHEYEVA E.V.

*KAZNACHEYEVA E. V., KISELYOV K. I., MAMIN A. G. & MOZHAYEVA G. N.* $Ca^{2+}$-mobilizing agonists activate $Ca^{2+}$-selective channels in plasma membrane of A431 epidermal carcinoma cells **497.P**, 120*P*, 1996

KEATINGE W.R. *see DONALDSON G. C. & KEATINGE W. R.* **491.P**, 56*P*, 1996

*see PROTHEROE R. E., RHODES B., YAGCI A. G., DONALDSON G. C. & KEATINGE W. R.* **491.P**, 56*P*, 1996

KEELING A.

*KEELING A., FREEMAN R. & NICOLL A.* Synaptic connections of layer 2/3 pyramidal neurons in rat visual cortex *in vitro* **495.P**, 61*P*, 1996

KELLETT G.L.

*KELLETT G. L., CORPE C. P., BASALEH M., AFFLECK J., GOULD G. W. & JESS T. J.* The *in vitro* adaptation of rat jejunal fructose transport in diabetes **493.P**, 65*P*, 1996

KELLY A.P.

*KELLY A. P., CROFT J. S. & HAINSWORTH R.* A paired neck chamber for applying localized stimuli to the carotid baroreceptors in humans **497.P**, 5*P*, 1996

KELLY J.S. *see LARKMAN P. M. & KELLY J. S.* **491.P**, 141*P*, 1996

*see LARKMAN P. M. & KELLY J. S.* **495.P**, 55*P*, 1996

KEMP J.A. *see KEW J. N. C., TRUBE G. & KEMP J. A.* **494.P**, 54*P*, 1996

*see KNOFLACH F., REINSCHEID R. K., CIVELLI O. & KEMP J. A.* **494.P**, 55*P*, 1996

KEMP N.

*KEMP N., DE MENDONCA A. & BASHIR Z. I.* Endogenous adenosine controls the induction of long-term depression of synaptic transmission in the CA1 region of the adult rat hippocampus *in vitro* **495.P**, 63*P*, 1996

KEMP P.J. *see MONAGHAN A. S., KEMP P. J. & OLVER R. E.* **493.P**, 75*P*, 1996

*see GAMBLING L., FYFE G. K., KEMP P. J., OLVER R. E. & BAINES D. L.* **493.P**, 79*P*, 1996

*see CLUNES M. T., OLVER R. E. & KEMP P. J.* **493.P**, 108*P*, 1996

KENDALL M.D. *see HEAD G. M., KRANZ A., KENDALL M. D. & DOWNING J. E. G.* **493.P**, 63*P*, 1996

KENTISH J.C. *see PALMER S. & KENTISH J. C.* **491.P**, 162*P*, 1996

KETTENMANN H. *see KIRISCHUK S., KETTENMANN H. & VERKHRATSKY A.* **493.P**, 46*P*, 1996

*see TUSCHICK S., KIRISCHUK S., VERKHRATSKY A. & KETTENMANN H.* **493.P**, 72*P*, 1996

*see MÖLLER T., NOLTE C., VERKHRATSKY A. & KETTENMANN H.* **493.P**, 81*P*, 1996

KEW J.N.C.

*KEW J. N. C., TRUBE G. & KEMP J. A.* An investigation of the mechanism of NMDA receptor antagonism by ifenprodil in rat cultured cortical neurones **494.P**, 54*P*, 1996

KEY B.J. *see LOVICK T. A. & KEY B. J.* **491.P**, 8*P*, 1996

KHAN F.Z.

*KHAN F. Z., CUI L.-N. & DYBALL R. E. J.* Electrophysiological evidence for retinal inputs to the hypothalamic paraventricular nucleus in the anaesthetized rat **495.P**, 110*P*, 1996

KHAN N.

*KHAN N., PEERS C. & VAUGHAN P. F. T.* The effect of protein kinase C on muscarinic ($M_1$) inhibition of $K^+$-evoked noradrenaline release in the human neuroblastoma SH-SY5Y **497.P**, 119*P*, 1996

KHAN S. *see MILLAR J., MELLERIO J., BARNETT T. G. & KHAN S.* **494.P**, 5*P*, 1996

*see EVANS A. A. L., KHAN S. & SMITH M. E.* **494.P**, 132*P*, 1996

KHODOROV B.I. *see SOBOLEVSKY A. I., KOSHELEV S. G. & KHODOROV B. I.* **495.P**, 49*P*, 1996

KIBBLE A.

*KIBBLE A. & MORRISON J. F. B. In vivo* pelvic afferent responses to a Neurokinin A agonist in the anaesthetized rat **491.P**, 148*P*, 1996

*KIBBLE A. & MORRISON J. F. B.* Changes in mechanosensitivity and sensitization of urinary bladder afferents in the anaesthetized rat following administration of the selective NK-2 antagonist SR48968 **497.P**, 18*P*, 1996

*see JIANG W., KIBBLE A. & MORRISON J. F. B.* **497.P**, 6*S*, 1996

KIBBLE J.D.

*KIBBLE J. D. & BROWN P. D.* Glibenclamide blocks an inwardly rectifying cAMP-dependent $Cl^-$ conductance in epithelial cells of the choroid plexus isolated from the rat **493.P**, 60*P*, 1996

*KIBBLE J. D., GARNER C., COLLEDGE W. H., EVANS M. J. & BROWN P. D.* Lack of the cystic fibrosis transmembrane conductance regulator (CFTR) gene does not affect the cAMP-dependent $Cl^-$ conductance in epithelial cells of the choroid plexus isolated from the mouse **495.P**, 80*P*, 1996

KIDD C.

*KIDD C.* Cardiac physiology: a historical view of the contributions of J.A. McWilliam **494.P**, 27*P*, 1996

*see BOYD C. A. R., HORDER T. J., KIDD C., ROSENBERG M. E., TANSEY E. M., WEST J. B. & WHIPP B. J.* **494.P**, 28*P*, 1996

KILPATRICK I.C. *see BEAUMONT V. L., BUFTON H. R. & KILPATRICK I. C.* **493.P**, 52*P*, 1996

KIM J.-N. *see ZHENG F., HAMMOND P. & KIM J.-N.* **494.P**, 17*P*, 1996

KIMBER J.

*see PUVI-RAJASINGHAM S., KIMBER J., AKINOLA A., MAGNIFICO F., WATSON L. P. & MATHIAS C. J.* **494.P**, 96*P*, 1996

*KIMBER J., WATSON L. & MATHIAS C. J.* Neuropharmacological evaluation of hypothalamic α-adrenoceptor deficit in human central sympathetic degeneration **494.P**, 138*P*, 1996

KING A.E.

*KING A. E.* The *in vitro* spinal cord – a versatile tool for spinal somatosensory research **491.P**, 18*S*, 1996

*see LOPEZ-GARCIA J. A. & KING A. E.* **495.P**, 26*P*, 1996

*see HASAN S. S., KING A. E. & CRAWFORD P. M.* **497.P**, 100*P*, 1996

*see ACKLEY M. A. & KING A. E.* **497.P**, 108*P*, 1996

KING B.F. *see PINTOR J., KING B. F., WANG S., ZIGANSHIN A. U., ZIGANSHINA L. E., MIRAS-PORTUGAL M. T. & BURNSTOCK G.* **493.P**, 153*S*, 1996

*KING B. F., ZIGANSHINA L. E., PINTOR J., WILDMAN S. S. & BURNSTOCK G.* Modulation by extracellular pH of agonist affinity for a recombinant P2X purinoceptor **494.P**, 77*P*, 1996

KING M.

*KING M., MAYSTON M. J., HARRISON L. M. & STEPHENS J. A.* Mirror movements in children: a developmental study **491.P**, 178*P*, 1996

KING N.

*KING N. & CHAPMAN R. A.* Sodium-dependent transport of L-alanine into sarcolemmal vesicles isolated from sheep left ventricle **493.P**, 24*P*, 1996

*KING N., COLLEDGE W. H. & SIMMONS N. L.* Co-expression of a chloride conductance with sodium–glucose co-transport in brush-border membrane vesicles (BBMV) isolated from mouse kidneys in which the CFTR gene has been disrupted **493.P**, 87*P*, 1996

KIRISCHUK S.

*KIRISCHUK S., KETTENMANN H. & VERKHRATSKY A.* Metabotropic receptors involved in calcium signalling in mouse Bergmann glial cells **493.P**, 46*P*, 1996

*KIRISCHUK S., MATIASH V., KULICK A. & VERKHRATSKY A.* ATP, adrenaline and histamine induced calcium mobilization in mouse cerebellar Purkinje neurones **493.P**, 47*P*, 1996

*see TUSCHICK S., KIRISCHUK S., VERKHRATSKY A. & KETTENMANN H.* **493.P**, 72*P*, 1996

*KIRISCHUK S., VOITENKO N., KOSTYUK P. & VERKHRATSKY A.* Calcium signalling in granule neurones studied in mouse cerebellar slices: developmental changes **494.P**, 109*P*, 1996

KIRKWOOD P.A. *see MAIER M. A., ILLERT M., KIRKWOOD P. A., NIELSEN J. & LEMON R. N.* **494.P**, 63*P*, 1996

*see FORD T. W., DONGA R., MATSUYAMA K., MORI S., NAKAJIMA K. & KIRKWOOD P. A.* **494.P**, 70*P*, 1996

KIRVELL S.L. *see HOWD A. G., KIRVELL S. L. & BUTT A. M.* **494.P**, 89*P*, 1996

KISELYOV K.I. *see KAZNACHEYEVA E. V., KISELYOV K. I., MAMIN A. G. & MOZHAYEVA G. N.* **497.P**, 120*P*, 1996

*KISELYOV K. I., MAMIN A. G. & MOZHAYEVA G. N.* $IP_3$-activated $Ca^{2+}$-selective channels in plasma membrane of A431 cells and mouse macrophages **497.P**, 129*P*, 1996

KITAMURA M. *see* FINE L. G. & KITAMURA M. **493.P**, 67*S*, 1996

KLAFFSCHENKEL R.A. *see* WILLIAMS R. M., KLAFFSCHENKEL R. A., BECKER H. D. & DEUSCH K. **495.P**, 97*P*, 1996

KNEALE B.J.

KNEALE B. J., COCKCROFT J. R., CHOWIENCZYK P. J. & RITTER J. M. A comparison between men and women of the effects of inhibition of nitric oxide biosynthesis in forearm vasculature **494.P**, 126*P*, 1996

KNEPPER M.A. *see* MARPLES D., KNEPPER M. A., TAYLOR A. & NIELSEN S. **493.P**, 69*P*, 1996

*see* SMITH C. P., SHAYAKUL C., KNEPPER M.A. & HEDIGER M. A. **493.P**, 2*S*, 1996

*see* NIELSEN S., MARPLES D. & KNEPPER M. A. **493.P**, 3*S*, 1996

*see* MARPLES D., RASCH R., KNEPPER M. A. & NIELSEN S. **497.P**, 91*P*, 1996

KNIBBS D.

KNIBBS D., WOODRUFF G. N., DAUM P. & PINNOCK R. D. Nitric oxide synthase inhibitors block glutamate-induced increases in $[Ca^{2+}]_i$ in cerebellar granule neurones *in vitro* **493.P**, 47*P*, 1996

KNOFLACH F.

KNOFLACH F., REINSCHEID R. K., CIVELLI O. & KEMP J. A. Orphanin FQ inhibition of voltage-gated calcium channels in rat hippocampal CA3 neurones *in vitro* **494.P**, 55*P*, 1996

KNOX K. *see* REES S. A., PATERNOSTRO G., PABLA R., STEVENSON S., ADAMS R. J., KNOX K., RADDA G. K., SEVERS N. J. & POWELL T. **497.P**, 51*P*, 1996

KNOX P.C.

KNOX P. C. 'Express' ocular pursuit in man: comparison of predictable with interleaved tasks **495.P**, 132*P*, 1996

KOBAYASHI I. *see* CORFIELD D. R., FINK G. R., MURPHY K., KOBAYASHI I., DETTMERS C., ADAMS L., FRACKOWIAK R. S. J. & GUZ A. **491.P**, 52*P*, 1996

*see* PILLAI J. M., KOBAYASHI I., WALTER S. J., ADAMS L. & MURPHY K. **495.P**, 138*P*, 1996

KODAMA I. *see* NIKMARAM M. R., KODAMA I., BOYETT M. R., SUZUKI R. & HONJO H. **491.P**, 154*P*, 1996

*see* HONJO H., BOYETT M. R. & KODAMA I. **491**, 154, 1996

*see* BOYETT M. R., KODAMA I., SUZUKI R. & HONJO H. **497.P**, 44*P*, 1996

KOHL P. *see* DAY K., VARGHESE A., NOBLE D. & KOHL P. **497.P**, 5*P*, 1996

*see* LEI M. & KOHL P. **497.P**, 44*P*, 1996

KOLAR F. *see* OSTADALOVA I., KOLAR F., OSTADAL B. & PARRATT J. R. **491.P**, 6*P*, 1996

KOREBRITS C. *see* CARTER A. M., CHALLIS J. R. G., KOREBRITS C. & SVENDSEN P. **494.P**, 34*P*, 1996

KOROTKOV A.D. *see* VOROBYEV V. A., MEDVEDEV S. V., PAKHOMOV S. V., ROKHLIN A. S., ROUDAS M. S. & KOROTKOV A. D. **491.P**, 179*P*, 1996

KORTE M. *see* BONHOEFFER T. & KORTE M. **495.P**, 3*S*, 1996

KOSHELEV S.G. *see* SOBOLEVSKY A. I., KOSHELEV S. G. & KHODOROV B. I. **495.P**, 49*P*, 1996

KOSKOLOU M.D.

KOSKOLOU M. D., ROACH R. C., CALBET J. A. L. & SALTIN B. Cardiovascular adjustments in man to low arterial oxygen content: is oxygen content, saturation or tension the regulator? **495.P**, 137*P*, 1996

KOSTOGLOU-ATHANASSIOU I.

KOSTOGLOU-ATHANASSIOU I., SCHOFIELD S., LOMAX N., TREACHER D. F. & FORSLING M. L. Endogenous gonadal steroids do not influence plasma oxytocin concentrations in normally cycling women **494.P**, 142*P*, 1996

KOSTOGLOU-ATHANASSIOU I., ATHANASSIOU P., ZHOU Y. & FORSLING M. L. The effect of 5-methoxytryptamine on neurohypophysial hormone secretion from the rat hypothalamus *in vitro* **495.P**, 119*P*, 1996

KOSTYUK P. *see* KIRISCHUK S., VOITENKO N., KOSTYUK P. & VERKHRATSKY A. **494.P**, 109*P*, 1996

KOTRE J. *see* SCRATCHERD T., OTUN H., AHMED B., GREENWELL J. R., KOTRE J. & GILLESPIE J. I. **497.P**, 69*P*, 1996

KOUDIJS J.C.M. *see* DE HAAN A., KOUDIJS J. C. M., JETTEN I., STEEGHS K. & WEVERS R. A. **491.P**, 125*P*, 1996

KOZLOWSKI R.Z. *see* TURNER J. L., CHANG A. S., BROWN A. M. & KOZLOWSKI R. Z. **491.P**, 21*P*, 1996

KRANZ A. *see* HEAD G. M., KRANZ A., KENDALL M. D. & DOWNING J. E. G. **493.P**, 63*P*, 1996

KREIS M. *see* EASTWOOD C., KREIS M. & GRUNDY D. **495.P**, 99*P*, 1996

KREMER L. *see* GONZALO J. A., VON KOBBE C., MELLADO M., FRADE J. M. R., KREMER L., MAZUCHELLI R., CARRERA A. C., MERIDA I. & MARTINEZ-A C. **493.P**, 44*S*, 1996

KRIJNSE LOCKER J. *see* GRIFFITHS G., ROOS N., CUDMORE S., WAY M. & KRIJNSE LOCKER J. **494.P**, 4*S*, 1996

KRISTIANSEN S.

KRISTIANSEN S., HARGREAVES M. & RICHTER E. A. Exercise-induced glucose transport and translocation of GLUT4 and VAMP-2 to the plasma membrane of human skeletal muscle **491.P**, 65*P*, 1996

KRNJEVIĆ K. *see* ERDEMLI G. & KRNJEVIĆ K. **491.P**, 138*P*, 1996

*see* TEKKÖK S. & KRNJEVIĆ K. **494.P**, 81*P*, 1996

KRNJEVIĆ K. & TEKKÖK S. Adenosine antagonists prevent the block of synaptic transmission produced by 2-deoxyglucose in rat hippocampal slices but not the subsequent LTP **495.P**, 52*P*, 1996

KROS C.J. *see* LENNAN G. W. T. & KROS C. J. **494.P**, 14*P*, 1996

KSAS B. *see* DUBLINEAU I., FRANÇOIS A., KSAS B. & GRIFFITHS N. M. **493.P**, 70*P*, 1996

KUBES P.

KUBES P. A delicate balance between nitric oxide and oxidants regulates leucocyte–endothelial cell interactions *in vivo* **491.P**, 4*S*, 1996

KUEHN A. *see* MEYER B.-U., KUEHN A. & ROERICHT S. **497.P**, 34*P*, 1996

KUIPER R.P. *see* MARTENS G. J. M., BRAKS J. A. M., VAN HORSSEN A. M., BROERS C. A. M. & KUIPER R. P. **494.P**, 6*S*, 1996

KULANGARA S. *see* EL-OMAR M., KULANGARA S. & CASADEI B. **497.P**, 14*P*, 1996

KULIAWAT R.

KULIAWAT R., HUANG X. F., PRABAKARAN D. & ARVAN P. Protein targeting in the secretory pathway of pancreatic $\beta$-cells **494.P**, 5*S*, 1996

KULICK A. *see* KIRISCHUK S., MATIASH V., KULICK A. & VERKHRATSKY A. **493.P**, 47*P*, 1996

KULLMANN D.M.

KULLMANN D. M. Long-term potentiation of NMDA and AMPA receptor-mediated signals in CA1 pyramidal cells: qualitatively similar but quantitatively different **491.P**, 137*P*, 1996

*see* ERDEMLI G. & KULLMANN D. M. **494.P**, 81*P*, 1996

KUMAR P. *see* LANDAUER R. C. & KUMAR P. **494.P**, 104*P*, 1996

*see* LANDAUER R. C., CONWAY A. F., PEPPER D. R. & KUMAR P. **497.P**, 25*P*, 1996

*see* CARPENTER E., HATTON C. J., PEPPER D. R., KUMAR P. & PEERS C. **497.P**, 26*P*, 1996

KUNZEK S.

KUNZEK S., MORRIS S. J. & SHORE A. C. The effect of acetylcholine and skin temperature on finger skin capillary red blood cell velocity in healthy volunteers **491.P**, 35*P*, 1996

KUSEL J.R. *see* ROBERTSON A. P., MARTIN R. J. & KUSEL J. R. **495.P**, 33*P*, 1996

KYROUSSIS D. *see* POLKEY M. I., KYROUSSIS D., HUGHES P. D., RAFFERTY G. F., GREEN M. & MOXHAM J. **494.P**, 92*P*, 1996

LABADIA A. *see* GARCÍA-PASCUAL A., LABADIA A., COSTA G. & TRIGUERO D. **493.P**, 89*S*, 1996

LAB M.J. *see* NAZIR S. A., DICK D. J., COEN B. A., SACHS F. & LAB M. J. **494.P**, 111*P*, 1996

LACEY M.G. *see* HARVEY J. & LACEY M. G. **495.P**, 54*P*, 1996

LACHISH M. *see* MÉTIOUI M., CHAIB N., LACHISH M., ALZOLA E. & DEHAYE J. P. **493.P**, 68*P*, 1996

LADEWIG S. *see* BASILE S., LADEWIG S., PIERAU FR.-K. & LYNN B. **494.P**, 45*P*, 1996

LAENEN B.

LAENEN B., DE DECKER N., STEELS P. & VAN KERKHOVE E. Preliminary results of the purification of antidiuretic factors in head extracts of *Formica polyctena* **491.P**, 104*P*, 1996

LAFARGA M. *see* FERNÁNDEZ R., CALLE E., LAFARGA M. & BERCIANO M. T. **493.P**, 164*S*, 1996

LAFORENZA U. *see* PATRINI C., LAFORENZA U., GASTALDI G., VERRI A., FERRARI G. & RINDI G. **493.P**, 100*S*, 1996

LAFUENTE M.A.

LAFUENTE M. A., GONZÁLEZ M. E. & ESQUIFINO A. I. Effects of cyclosporine on pulsatile prolactin secretion in normal and pituitary-grafted male rats **493.P**, 49*S*, 1996

LAGNADO L. *see* SAGOO M. S. & LAGNADO L. **491.P**, 9*S*, 1996

LAHERA V.

LAHERA V., NAVARRO-CID J. & CACHOFEIRO V. Nitric oxide in the regulation of renal function in hypertension **493.P**, 65*S*, 1996

*see* NAVARRO J., MUÑOZ R., MAESO R., RODRIGO E., CACHOFEIRO V., RUILOPE L. M. & LAHERA V. **493.P**, 70*S*, 1996

*see* CAMPIÓN J., LAHERA V., CACHOFEIRO V. & CALLE C. **493.P**, 122*S*, 1996

LAJAS A.I.

LAJAS A. I., POZO M. J., SALIDO G. M. & PARIENTE J. A. Secretory activity and trophic effects of epidermal growth factor (EGF) on the exocrine rat pancreas **493.P**, 155*S*, 1996

LAKIE M. *see* CAMPBELL K. S. & LAKIE M. **491.P**, 130*P*, 1996

*LAKIE M., JUPP N., CAMPBELL K. S. & COMBES N.* The effect of percutaneous digital nerve stimulation on finger tremor in man **495.P**, 130*P*, 1996

*see* CAMPBELL K. S. & LAKIE M. **495.P**, 162*P*, 1996

LALLEY P. *see* RICHTER D. W., LALLEY P., PIERREFICHE O. & SCHWARZACHER S. **494.P**, 16*S*, 1996

LAMBERT J.J. *see* BROWN A. M., HOPE A. G., PETERS J. A. & LAMBERT J. J. **495.P**, 85*P*, 1996

LAMBERT S. *see* CLOW A., HIGUCHI K., LAMBERT S., HUCKLEBRIDGE F. & ROTHWELL J. C. **491.P**, 73*P*, 1996

LAMB H.K.

*LAMB H. K., AWAD S. S., MORGAN J. M. & GILLESPIE J. I.* The modulation of the expression of the RyR2 mRNA isoform in human myometrial smooth muscle **491.P**, 168*P*, 1996

LAMB J.F.

*LAMB J. F.* Increase in membrane traffic of sodium pumps in HeLa cells after a medium change **493.P**, 75*P*, 1996

*LAMB J. F., FLITNEY E. F. & LAZARUS C.* Interaction of sodium pumps and the cytoskeleton in human cultured cells **495.P**, 81*P*, 1996

LAMENCA B. *see* LISBONA F., LAMENCA B., LÓPEZ-ALIAGA I., PALLARÉS I., GÓMEZ-AYALA H. E., HARTITI S., RODRIGUEZ MATAS M. C. & CAMPOS M. S. **493.P**, 110*S*, 1996

LAM H.S.Y.

*LAM H. S. Y., ALLEN J. M. & LEE Y. C.* Neuropeptide Y stimulates proglucagon gene expression in a cultured islet cell line **491.P**, 94*P*, 1996

LANCASTER M.K. *see* COOK S. J., DÍAZ M. E., CHAMUNORWA J. P., LANCASTER M. K., TRAFFORD A. W., O'NEILL S. C. & EISNER D. A. **494.P**, 111*P*, 1996

LANDAUER R.C.

*LANDAUER R. C. & KUMAR P.* Effect of aminophylline on chemotransduction of $O_2$ and $CO_2$ in the rat carotid body, *in vitro* **494.P**, 104*P*, 1996

*LANDAUER R. C., CONWAY A. F., PEPPER D. R. & KUMAR P.* Age-dependent and reversible effects of chronic hypoxia upon carotid body $CO_2$–$O_2$ interaction **497.P**, 25*P*, 1996

LANDGRAF R. *see* DOUGLAS A. J., JOHNSTONE H., HATZINGER M., NEUMANN I., LANDGRAF R. & RUSSELL J. A. **495.P**, 109*P*, 1996

LAND J.M. *see* BARKER J. E., HEALES S. J. R., BOLANOS J. P., LAND J. M. & CLARK J. B. **491.P**, 34*P*, 1996

LANG B. *see* WATERMAN S. A., LANG B. & NEWSOM-DAVIS J. **491.P**, 144*P*, 1996

LANG D.

*LANG D., SMALL G. R., SHAH A. M. & LEWIS M. J.* Phenotypic changes in coronary microvascular endothelium of the guinea-pig following culture: loss of nitric oxide synthase activity **491.P**, 18*P*, 1996

LANGDON M.G.

*LANGDON M. G., NOLAN P., JONES J. F. X. & O'REGAN R. G.* The effect of upper airway negative pressure on atrio-ventricular conduction time in the anaesthetized paralysed rabbit **494.P**, 101*P*, 1996

*see* NOLAN P., LANGDON M. G. & O'REGAN R. G. **494.P**, 105*P*, 1996

LANGLEY K. *see* CLIFFORD C. W. G. & LANGLEY K. **494.P**, 19*P*, 1996

LAPIED B. *see* GROLLEAU F., LAPIED B., BUCKINGHAM S. D., MASON W. D. & SATTELLE D. B. **491.P**, 107*P*, 1996

LARA J.P. *see* DAWID-MILNER M. S., GONZÁLEZ-BARÓN S., LARA J. P. & SPYER K. M. **493.P**, 71*S*, 1996

LARCOMBE-MCDOUALL J.B. *see* STEWARD M. C., SEO Y., LARCOMBE-MCDOUALL J. B. & MURAKAMI M. **493.P**, 105*P*, 1996

LARGE W.A. *see* GREENWOOD I. A. & LARGE W. A. **491.P**, 11*P*, 1996

*see* HELLIWELL R. M. & LARGE W. A. **494.P**, 53*P*, 1996

LARKMAN P.M.

*LARKMAN P. M. & KELLY J. S.* A 5-HT-induced, cAMP-mediated inward current in neonatal rat motoneurones is not blocked by protein kinase inhibitors **491.P**, 141*P*, 1996

*LARKMAN P. M. & KELLY J. S.* Characterization of the 5-HT- and noradrenaline-sensitive potassium conductance in neonatal rat facial motoneurones *in vitro* **495.P**, 55*P*, 1996

LARRALDE J. *see* URDANETA E., IDOATE I. & LARRALDE J. **493.P**, 103*S*, 1996

LARSEN P.J. *see* HARBUZ M. S., JESSOP D. S., CHOWDREY H. S., LARSEN P. J. & LIGHTMAN S. L. **493.P**, 44*S*, 1996

LASA M.

*LASA M., CHILOECHES A., ARANDA A., ROPERO S., MONTES A. & TORO M. J.* Lovastatin decreased PRL and GH gene expression in $GH_4C_1$ cells through a cAMP-dependent mechanism **493.P**, 121*S*, 1996

LATCHMAN D.S. *see* STOREY N. M., LATCHMAN D. S. & BEVAN S. **495.P**, 72*P*, 1996

LAUGHLIN S.B.

*LAUGHLIN S. B. & DE RUYTER VAN STEVENINCK R. R.* Measurements of signal transfer and noise suggest a new model for graded transmission at an adapting retinal synapse **494.P**, 19*P*, 1996

LAW R.O. *see* UPTON E. L. & LAW R. O. **491.P**, 172*P*, 1996

LAWRENCE C.B. *see* MERCER J. G., HOGGARD N., LAWRENCE C. B., RAYNER D. V. & TRAYHURN P. **495.P**, 113*P*, 1996

LAWSON S.N.

*LAWSON S. N., CREPPS B. & PERL E. R.* Methodological considerations in studies of correlations between peptide content and sensory receptor properties in dorsal root ganglion (DRG) neurones **491.P**, 16*S*, 1996

*LAWSON S. N., CREPPS B., BUCK H. & PERL E. R.* Correlation of CGRP-like immunoreactivity (CGRP-LI) with sensory receptor properties in dorsal root ganglion (DRG) neurones in guinea-pigs **493.P**, 45*P*, 1996

*see* ZHENG F. & LAWSON S. N. **493.P**, 94*P*, 1996

LAWTON G.S.

*LAWTON G. S., IYAWE V. I. & IMMS F. J.* The influence of lower body negative pressure on cerebral blood flow velocity during isometric exercise in man **491.P**, 70*P*, 1996

LAZARUS C. *see* LAMB J. F., FLITNEY E. F. & LAZARUS C. **495.P**, 81*P*, 1996

LEACH R. *see* QUINN C., LEACH R., OWEN J. M., ZANG W. J., HOPKINS P., FINDLAY J. B. C. & BOYETT M. R. **497.P**, 46*P*, 1996

LEAKE D.S. *see* JAY M. T., CHIRICO S., BRUCKDORFER R., JACOBS M., LEAKE D. S., PEARSON J. D. & MANN G. E. **491.P**, 9*P*, 1996

*see* FORSTER B. A., LEAKE D. S., RICHARDS J. P. & WEINBERG P. D. **491.P**, 24*P*, 1996

LEANEY J. *see* BROWN D. A., MARSH S. J., TROUSLARD J., LEANEY J., DUFFY S. M. & SELYANKO A. A. **493.P**, 28*S*, 1996

LEA R.W. *see* GEORGIOU G. C., SHARP P. J. & LEA R. W. **497.P**, 109*P*, 1996

LEBLANC C. *see* SIMPSON N., NIMROD C., DE VERMETTE R., LEBLANC C. & FOURNIER J. **494.P**, 34*P*, 1996

LECUONA E. *see* MARTÍN-VASALLO P., LECUONA E., ALONSO T. & AVILA J. **493.P**, 64*S*, 1996

LEEM C.H.

*LEEM C. H., LOH S.-H. & VAUGHAN-JONES R. D.* Mechanism of alkali regulation in $HCO_3^-$-free conditions in single guinea-pig ventricular myocytes **491.P**, 159*P*, 1996

*LEEM C. H. & VAUGHAN-JONES R. D.* Alkali regulation in $HCO_3^-$-buffered conditions in single guinea-pig ventricular myocytes **494.P**, 110*P*, 1996

*LEEM C. H. & VAUGHAN-JONES R. D.* Out-of-equilibrium $pH_i$ transients of the $CO_2/HCO_3$ buffer system in guinea-pig ventricular myocytes **494.P**, 110*P*, 1996

*LEEM C. H. & VAUGHAN-JONES R. D.* The setting of steady-state $pH_i$ in the guinea-pig ventricular myocyte **497.P**, 49*P*, 1996

*see* SCOTT A., LEEM C. H., RADDA G. K. & VAUGHAN-JONES R. D. **497.P**, 58*P*, 1996

LEE S.H. *see* PARK M. K., LEE S. H., HO W.-K. & EARM Y. E. **497.P**, 77*P*, 1996

LEE S.-J. *see* BHARADWAJ A. K., LEE S.-J., XIA N., TWADDLE J. L. T. & NYE P. C. G. **495.P**, 172*P*, 1996

*see* PAGAKIS S. N., LEE S.-J. & NYE P. C. G. **497.P**, 80*P*, 1996

*LEE S.-J., BHARADWAJ A. K. & NYE P. C. G.* Moderate hypercapnia induces a biphasic contractile response in isolated rat small pulmonary arteries **497.P**, 84*P*, 1996

LEES G. *see* FODEN N. D. & LEES G. **494.P**, 56*P*, 1996

LEES G.M. *see* BROWNING K. N., CUNNINGHAM S. M. C., TIMMERMANS J.-P. & LEES G. M. **495.P**, 100*P*, 1996

LEE Y.C. *see* LAM H. S. Y., ALLEN J. M. & LEE Y. C. **491.P**, 94*P*, 1996

LEGIDO J.C. *see* LUCÍA A., CHICHARRO J. L., BANDRÉS F. & LEGIDO J. C. **493.P**, 118*S*, 1996

LE GUENNEC J.-Y. *see* AUCLERC-PASCAREL C., HONGO K., CAZORLA O., GARNIER D., WHITE E. & LE GUENNEC J.-Y. **491.P**, 161*P*, 1996

*see* CAZORLA O., AUCLERC-PASCAREL C., GARNIER D. & LE GUENNEC J.-Y. **491.P**, 161*P*, 1996

LEI M.

*LEI M., BROWN H. & TERRAR D.* Effects of Compound II, a novel sotalol analogue, on delayed rectifier current, $i_K$, and spontaneous activity in isolated sino-atrial node cells of rabbit **491.P**, 160*P*, 1996

*LEI M., BROWN H. & TERRAR D.* Effect of isoprenaline on the decay of two components of the delayed rectifier current, $i_K$, in rabbit isolated sino-atrial node cells **494.P**, 114*P*, 1996

*LEI M. & BROWN H. F.* Non-muscarinic, non-nicotinic modulation by carbachol of $i_K$ current decay in rabbit SA node cells **495.P**, 166*P*, 1996

*Lei M. & Kohl P.* Swelling-induced changes in pacemaker activity of rabbit isolated sino-atrial node cells **497.P**, 44*P*, 1996

Leiper J.B.

*Leiper J. B., Brouns F. & Maughan R. J.* Effects of variation in the type of carbohydrate on absorption from hypotonic carbohydrate–electrolyte solutions (CES) in the human jejunal perfusion model **495.P**, 128*P*, 1996

Leizea J.P.

*Leizea J. P., González C., Grueso N. A., Díaz F., Fernández S. & Patterson A. M.* Hydromineral and haemodynamic adaptations to food restriction in pregnant rats **493.P**, 120*S*, 1996

Lejarreta M. *see Aleu J., Ivorra I., Lejarreta M., Gal B., González-Ros J. M., Ferragut J. A. & Morales A.* **493.P**, 163*S*, 1996

Lekwuwa G.U.

*Lekwuwa G. U. & Barnes G. R.* Comparison of smooth and saccadic components of ocular tracking in patients with cerebral and cerebellar lesions **491.P**, 74*P*, 1996

Lemon R.N.

*Lemon R. N., Olivier E., Edgley S. A. & Armand J.* Development of the corticospinal system in the primate **493.P**, 88*S*, 1996

*see Maier M. A., Illert M., Kirkwood P. A., Nielsen J. & Lemon R. N.* **494.P**, 63*P*, 1996

*see Olivier E., Maier M. A., Baker S. N., Philbin N., Morris T. & Lemon R. N.* **494.P**, 63*P*, 1996

*see Baker S. N., Olivier E. & Lemon R. N.* **494.P**, 64*P*, 1996

Leng G. *see Ludwig M., Russell J. A. & Leng G.* **495.P**, 2*P*, 1996

*see Meddle S. L., Onaka T. & Leng G.* **495.P**, 4*P*, 1996

*see Scullion S., Antonijevic I. & Leng G.* **495.P**, 5*P*, 1996

*see Stephens E. A., Brown D., Leng G. & Smith R. G.* **495.P**, 7*P*, 1996

*see Rae M., Brown D. & Leng G.* **495.P**, 9*P*, 1996

*see Opstad K., Bull P., Leng G., Melin P. & Russell J. A.* **495.P**, 14*P*, 1996

*see Bailey A. R. T., Smith R. G. & Leng G.* **495.P**, 115*P*, 1996

Lennan G.W.T.

*Lennan G. W. T. & Kros C. J.* The number of transducer channels in outer hair cells of the neonatal mouse cochlea **494.P**, 14*P*, 1996

León J.M. *see Medina P., Viñals I., Roig S., Aldasoro M., Martínez M. C., León J. M. & Lluch S.* **493.P**, 78*S*, 1996

León-Velarde F.

*León-Velarde F., Vargas M., Monge-C C., Torrance R. W. & Robbins P. A.* The end-tidal $P_{CO_2}$ and $P_{O_2}$ of high altitude natives resident at sea level **491.P**, 51*P*, 1996

Lerma J.

*Lerma J., Paternain A. V., Morales M. & Vicente M. A.* Glutamate receptors and neuronal excitability **493.P**, 27*S*, 1996

Lesh R.E. *see Nixon G. F., Lesh R. E., Fleischer S., Somlyo A. P. & Somlyo A. V.* **491.P**, 46*P*, 1996

Leung C.K.S.

*Leung C. K. S., Ye G. L. & Yung W. H.* Effect of diazoxide on evoked inhibitory postsynaptic currents of rat substantia nigra pars reticulata neurones **495.P**, 68*P*, 1996

Lever M.J. *see Murphy C. L., Willott, R. H. & Lever M. J.* **491.P**, 31*P*, 1996

Levi A.J. *see Howarth F. C., Levi A. J. & Hancox J. C.* **491.P**, 155*P*, 1996

*see Dalton G. R., Levi A. J., Evans S. J. & Jones J. V.* **491.P**, 158*P*, 1996

*see Takagishi Y., Issberner J., Rothery S., Levi A. J. & Severs N. J.* **491.P**, 163*P*, 1996

*Levi A. J., Hancox J. C., Howarth F. C., Vinnicombe J. & Croker J.* Performing experiments on isolated cells at 37 °C and making rapid changes of the bathing solution **493.P**, 3*P*, 1996

*see Howarth F. C., Bates J. A. & Levi A. J.* **493.P**, 13*P*, 1996

*see Mays J. L., Salmon A. H. J., Dalton G. R., Evans S. J., Jones J. V. & Levi A. J.* **493.P**, 28*P*, 1996

*see Hobai I. A., Bates J. A., Howarth F. C. & Levi A. J.* **494.P**, 108*P*, 1996

*see Howarth F. C., Bates J. A. & Levi A. J.* **494.P**, 109*P*, 1996

Levick J.R. *see Stanton A. W. B., Holroyd B., Northfield J. W., Levick J. R. & Mortimer P. S.* **491.P**, 39*P*, 1996

Levine J.D. *see Jänig W. & Levine J. D.* **497.P**, 5*S*, 1996

Levin R.J. *see Brunsden A. & Levin R. J.* **491.P**, 174*P*, 1996

*see Nzegwu H. C. & Levin R. J.* **495.P**, 95*P*, 1996

Levy D. *see Phillips S. K., Levy D., Yeo A., Woledge R. C., Bruce S. A., Martin F. C. & Young A.* **494.P**, 134*P*, 1996

Lewis D.I.

*Lewis D. I.* Cholinergic projections to rat nucleus ambiguus neurones from the ventral medullary chemoreceptive area **494.P**, 100*P*, 1996

Lewis H.S. *see Ellaway P. H., Rawlinson S. R., Lewis H. S., Davey N. J. & Maskill D. W.* **493.P**, 36*P*, 1996

Lewis M. *see Pelham H., Lewis M. & Rayner J.* **494.P**, 3*S*, 1996

Lewis M.J. *see Lang D., Small G. R., Shah A. M. & Lewis M. J.* **491.P**, 18*P*, 1996

Lewis T.M.

*Lewis T. M., Sivilotti L. G., Colquhoun D., Gardiner R. M., Schoepfer R. & Rees M.* Expression in *Xenopus* oocytes of recombinant human glycine receptors containing a novel startle disease mutation (K276E) in the $\alpha$1 subunit **494.P**, 77*P*, 1996

*Lewis T. M., Sivilotti L. G., Colquhoun D., Gardiner R. M., Schoepfer R. & Rees M.* Erratum **497.P**, 112*P*, 1996

Leyssens A.

*see Duchen M. R., Leyssens A., Mojet M. H. & Peuchen S.* **494.P**, 6*P*, 1996

*Leyssens A., Crompton M. & Duchen M. R.* A role of the mitochondrial permeability transition pore in cell injury by reactive oxygen species in isolated rat cardiomyocytes **494.P**, 109*P*, 1996

Liang P.-J.

*Liang P.-J., Clement I. D. & Robbins P. A.* Dynamics of the fast component of the ventilatory response to acute hypoxia in humans **494.P**, 93*P*, 1996

Liberati D. *see Locatelli C., Eriksson C., Bajo V., Edeline J.-M., Liberati D., Vantini G. & Villa A. E. P.* **493.P**, 20*S*, 1996

Lichtman J.W.

*Lichtman J. W.* Synaptic disassembly at the neuromuscular junction **495.P**, 5*S*, 1996

Lidierth M. *see Aggelopoulos N. C., Baker M. R., Edgley S. A. & Lidierth M.* **491.P**, 178*P*, 1996

*Lidierth M. & Wall P. D.* Correlations between the firing of cells in rat dorsal horn and dorsal root potentials **497.P**, 105*P*, 1996

Lightman S.L. *see Windle R. J., Shanks N., Wood S., Lightman S. L. & Ingram C. D.* **493.P**, 44*P*, 1996

*see Harbuz M. S., Jessop D. S., Chowdrey H. S., Larsen P. J. & Lightman S. L.* **493.P**, 44*S*, 1996

*see Windle R. J., Shanks N., Shiles P. A., Wood S., Lightman S. L. & Ingram C. D.* **495.P**, 108*P*, 1996

Li H. S. *see Monhemius R., Li H. S. & Roberts M. H. T.* **495.P**, 19*P*, 1996

*Li H. S. & Roberts M. H. T.* Firing properties of rat anterior pretectal neurones and the effects of 5-hydroxytryptamine *in vivo* and *in vitro* **495.P**, 22*P*, 1996

Li J.

*Li J., Saunders J. C., Gilmour R. S. & Fowden A. L.* Ontogeny and control of hepatic insulin-like growth factor-I gene expression in fetal sheep near term **494.P**, 38*P*, 1996

Li Q.

*Li Q., Parker A., Hornby D. & White S. J.* Differential expression of ROMK1 and RACTK potassium channel mRNAs in cell lines **493.P**, 92*P*, 1996

*see Austin N., Li Q., Hornby D. & White S.* **497.P**, 94*P*, 1996

Liliom K. *see Bünemann M., Brandts B., Tigyi G., Liliom K. & Pott L.* **495.P**, 169*P*, 1996

Lima L. *see Iglesias G. M., Moya A., Rabuñal R. & Lima L.* **493.P**, 41*S*, 1996

Limousin P. *see Brown R. G., Jahanshahi M., Limousin P. & Rothwell J. C.* **494.P**, 66*P*, 1996

Linden R.J. *see Gattullo D., Linden R. J., Losano G. & Pagliaro P.* **494.P**, 97*P*, 1996

Linden R.W.A. *see Louca C., Vidgeon S., Linden R. W. A. & Cadden S. W.* **491.P**, 115*P*, 1996

Lindley K.J. *see Rolfe V., Menon R. A., Booth P. A. C., Lindley K. J. & Milla P. J.* **493.P**, 76*P*, 1996

Lindsay A.R.G. *see Case R. M., Ishiguro H., Lindsay A. R. G. & Steward M. C.* **493.P**, 94*S*, 1996

Ling W.L.W. *see Shields D., Chen Y., Ling W. L. W., Austin C., Elgort A. & Wu F.* **494.P**, 5*S*, 1996

Lin H. *see Griffiths E. J., Lin H. & Suleiman M.-S.* **493.P**, 24*P*, 1996

*Lin H. & Suleiman M.-S.* Isolated Langendorff guinea-pig hearts with a reduced intracellular free amino acid pool are more susceptible to ischaemia and reperfusion injury **493.P**, 27*P*, 1996

LIN J.-P.

*LIN J.-P., BROWN J. K. & WALSH E. G.* Joint angle modulation of reflex neuromuscular output at the ankle in man **495.P**, 148*P*, 1996

LINZ K.W. *see MEYER R. & LINZ K. W.* **493.P**, 26*P*, 1996

LIPECKA J. *see MOHAMMAD-PANAH R., LIPECKA J., FANEN P., BAUDOUIN-LEGROS M., BARÓ I., PLANELLES G. & EDELMAN A.* **493.P**, 101*P*, 1996

LISBONA F. *see GÓMEZ-AYALA A. E., LISBONA F., HARTITI S., LÓPEZ-ALIAGA I., PALLARÉS I., RODRIGUEZ MATAS M. C. & CAMPOS M. S.* **493.P**, 110*S*, 1996

*LISBONA F., LAMENCA B., LÓPEZ-ALIAGA I., PALLARÉS I., GÓMEZ-AYALA H. E., HARTITI S., RODRIGUEZ MATAS M. C. & CAMPOS M. S.* Evolution of the haematological, biochemical and hormonal parameters in control rats and the development of a nutritional Fe-deficiency anaemia **493.P**, 110*S*, 1996

LISTER N. *see BOYD C. A. R., BRONK J. R., LISTER N. & BAILEY P. D.* **493.P**, 104*P*, 1996

LITTLE R.A. *see EDWARDS J. P., HATTON P. A., LITTLE R. A. & WAREHAM A. C.* **495.P**, 68*P*, 1996

LIU I.-H. *see KAO E.-F., LIU I.-H., TSAI K.-L. & WU M.-L.* **497.P**, 120*P*, 1996

LIU Q.-S. *see JIA Y.-S., LIU Q.-S. & JU G.* **494.P**, 139*P*, 1996

LIU X.

*LIU X., BEE D., EMERY C. J. & BARER G. R.* Possible interaction between NO synthase and cyclo-oxygenase in sustaining pulmonary vasodilatation: isolated perfused rat and ferret lungs **494.P**, 92*P*, 1996

*LIU X. & BARER G.* Hypoxic vasoconstriction and dilatation in isolated perfused rat lungs **497.P**, 25*P*, 1996

LIZASOAIN I.

*LIZASOAIN I.* Nitric oxide and peroxynitrite inhibit brain mitochondrial respiration: implications for neurodegenerative diseases **493.P**, 36*S*, 1996

LLAVADOR J.J. *see ARTAL L., CHORRO F. J., SANCHIS J., LLAVADOR J. J., RODRÍGUEZ A. & SUCH L.* **493.P**, 77*S*, 1996

LLEDÓ A.

*LLEDÓ A. & GUAZA C.* Regulation of IL-1 receptors on the central nervous system **493.P**, 46*S*, 1996

LLINÁS R.

*LLINÁS R.* Neuronal bases of the temporal coherence in movement and cognition **493.P**, 8*S*, 1996

LLORET S. *see TORRENT M., LLORET S. & MORENO J. J.* **493.P**, 164*S*, 1996

LLUCH S. *see NOGUERA I., MEDINA P., SEGARRA G., MARTÍNEZ M. C., ALDASORO M., VILA J. M. & LLUCH S.* **493.P**, 70*S*, 1996

*see MEDINA P., VIÑALS I., ROIG S., ALDASORO M., MARTÍNEZ M. C., LEÓN J. M. & LLUCH S.* **493.P**, 78*S*, 1996

*see SEGARRA G., MEDINA P., NOGUERA I., ALDASORO M., VILA J. M., FLOR B. & LLUCH S.* **493.P**, 79*S*, 1996

*see ROIG S., VIÑALS I., ALDASORO M., MEDINA P., VILA J. M., OTERO E. & LLUCH S.* **493.P**, 79*S*, 1996

*see MEDINA P., MARTÍNEZ M. C., VILA J. M., ALDASORO M., CHUAN P. & LLUCH S.* **493.P**, 118*S*, 1996

LOCATELLI C. *see ERIKSSON J., LOCATELLI C., ERIKSSON C., BAJO V. & VILLA A. E. P.* **493.P**, 14*S*, 1996

*LOCATELLI C., ERIKSSON C., BAJO V., EDELINE J.-M., LIBERATI D., VANTINI G. & VILLA A. E. P.* High order frequency domain analysis of population activity in rat auditory cortex **493.P**, 20*S*, 1996

LODGE D. *see FITZJOHN S. M., LODGE D. & COLLINGRIDGE G. L.* **493.P**, 49*P*, 1996

*LODGE D. & BOND A.* Synergism between group 1 and 2 metabotropic glutamate receptor agonists on spinal neurones in pentobarbitone-anaesthetized rats **493.P**, 50*P*, 1996

*see BLEAKMAN D., SCHOEPP D. D., LODGE D., ORNSTEIN P. L., BUFTON H., SHARPE E. F., THOMAS K., BALLYK B. & KAMBOJ R.* **493.P**, 51*P*, 1996

LODGE J.P.A. *see AHMAD N., FOWLER M., LODGE J. P. A. & POTTS D. J.* **493.P**, 98*P*, 1996

*see AHMAD N., LODGE J. P. A. & POTTS D. J.* **497.P**, 89*P*, 1996

*see AHMAD N., LODGE J. P. A. & POTTS D. J.* **497.P**, 93*P*, 1996

LOEWY A.D.

*LOEWY A. D.* Pseudorabies virus – the 'cruise missile' for neuroanatomical studies of CNS autonomic circuits **494.P**, 14*S*, 1996

LOGAN S.D. *see SPANSWICK D., CLARK V. J., LOGAN S. D. & RENAUD L. P.* **494.P**, 78*P*, 1996

*see SPANSWICK D., GIBSON I. C. & LOGAN S. D.* **495.P**, 57*P*, 1996

*see NOLAN M. F., GIBSON I. C. & LOGAN S. D.* **495.P**, 58*P*, 1996

LOH S.-H. *see LEEM C. H., LOH S.-H. & VAUGHAN-JONES R. D.* **491.P**, 159*P*, 1996

*LOH S.-H. & VAUGHAN-JONES R. D.* $Na^+$ influx during $pH_i$ regulation in the guinea-pig ventricular myocyte **497.P**, 58*P*, 1996

LOMAX N. *see KOSTOGLOU-ATHANASSIOU I., SCHOFIELD S., LOMAX N., TREACHER D. F. & FORSLING M. L.* **494.P**, 142*P*, 1996

LOMAX R.B.

*LOMAX R. B., MONTIEL C., MICHELENA P., NUÑEZ L., GARCÍA-SANCHO J. & GARCÍA A. G.* Different types of calcium channel control secretion from adrenergic and noradrenergic bovine adrenal chromaffin cells **493.P**, 60*P*, 1996

LÓPEZ C.

*LÓPEZ C., RICO M., RODRÍGUEZ M. E., PLANES C. & PAZO J. A.* Changes induced by clofibrate on cholesterol, triglycerides and lipids in cultures of rat hepatocytes **493.P**, 112*S*, 1996

*see RODRÍGUEZ M. E., LORENZO M. T., LÓPEZ C., VÁZQUEZ L. A. & PAZO J. A.* **493.P**, 112*S*, 1996

LÓPEZ L. *see SUCH L., CHORRO F. J., SANCHIS J., LÓPEZ L., RUIZ R. & RODRÍGUEZ A.* **493.P**, 76*S*, 1996

*see RODRÍGUEZ A., CHORRO F. J., ALBEROLA A., RUIZ R., LÓPEZ L. & SUCH L.* **493.P**, 167*S*, 1996

LÓPEZ M.A. *see SAN ROMÁN J. I., GARCÍA-BENITO M., HERNÁNDEZ-GUIJO J. M., ACOSTA J. J., LÓPEZ M. A. & CALVO J. J.* **493.P**, 100*S*, 1996

*see DELGADO S., SAN ROMÁN J. I., BRAGADO J., LÓPEZ M. A. & CALVO J. J.* **493.P**, 114*S*, 1996

*see RODRÍGUEZ-LÓPEZ A. M., DE DIOS I., LÓPEZ M. A. & CALVO J. J.* **493.P**, 114*S*, 1996

*see DÍEZ-LOZANO J. R., SAN ROMÁN J. I., ESQUERRO E., CALVO J. J. & LÓPEZ M. A.* **493.P**, 115*S*, 1996

LÓPEZ-ALIAGA I. *see GÓMEZ-AYALA A. E., LISBONA F., HARTITI S., LÓPEZ-ALIAGA I., PALLARÉS I., RODRIGUEZ MATAS M. C. & CAMPOS M. S.* **493.P**, 110*S*, 1996

*see LISBONA F., LAMENCA B., LÓPEZ-ALIAGA I., PALLARÉS I., GÓMEZ-AYALA H. E., HARTITI S., RODRIGUEZ MATAS M. C. & CAMPOS M. S.* **493.P**, 110*S*, 1996

LÓPEZ-BARNEO J.

*LÓPEZ-BARNEO J.* Oxygen-sensitive ion channels **493.P**, 27*S*, 1996

*see OBREGÓN F., UREÑA J. & LÓPEZ-BARNEO J.* **493.P**, 71*S*, 1996

LÓPEZ BERNAL A. *see EUROPE-FINNER G. N., PHANEUF S., MARDON H. J. & LÓPEZ BERNAL A.* **491.P**, 166*P*, 1996

*see ASBÓTH G., PHANEUF S. & LÓPEZ BERNAL A.* **491.P**, 167*P*, 1996

*see PHANEUF S., CARRASCO M. P., ASBÓTH G., EUROPE-FINNER G. N., HAMILTON C. H. & LÓPEZ BERNAL A.* **491.P**, 169*P*, 1996

*see CARRASCO M.P., PHANEUF S., ASBÓTH G. & LÓPEZ BERNAL A.* **491.P**, 170*P*, 1996

LÓPEZ-CALDERÓN A. *see MILLÁN S., GONZÁLEZ-QUIJANO M. I., SOTO L. & LÓPEZ-CALDERÓN A.* **493.P**, 51*S*, 1996

*see GONZÁLEZ-QUIJANO M. I., MARTÍN M., MILLÁN S., SANCHO M. J. & LÓPEZ-CALDERÓN A.* **493.P**, 52*S*, 1996

LÓPEZ-COVIELLA I.

*LÓPEZ-COVIELLA I., ALONSO R. & HERNÁNDEZ-DÍAZ F.* Gonadal steroids modulate adrenoceptor-induced responses in cultured GnRH neurons **493.P**, 124*S*, 1996

LÓPEZ-GALLARDO M. *see PRADA F. A., QUESADA A., MEDINA J. I., LÓPEZ-GALLARDO M. & PRADA C.* **493.P**, 20*S*, 1996

LOPEZ-GARCIA J.A.

*LOPEZ-GARCIA J. A. & KING A. E.* Role of 5-$HT_1$ and 5-$HT_2$ receptors in spinal dorsal horn transmission: an electrophysiological analysis *in vitro* **495.P**, 26*P*, 1996

LÓPEZ-LUNA P.

*LÓPEZ-LUNA P., IGLESIAS M. A., MARTÍNEZ S., MUÑOZ C. & HERRERA E.* Effect of exercise decreasing the insulin resistance during late gestation in the rat **493.P**, 139*S*, 1996

*see MUÑOZ C., LÓPEZ-LUNA P. & HERRERA E.* **493.P**, 139*S*, 1996

LÓPEZ-MIRANDA V.

*see ALEIXANDRE M. A., PUERRO M., LÓPEZ-MIRANDA V. & ORTEGA A.* **493.P**, 80*S*, 1996

*see PUERRO M., LÓPEZ-MIRANDA V., ORTEGA A., DELGADO C. & ALEIXANDRE M. A.* **493.P**, 80*S*, 1996

*see ORTEGA T. A., LÓPEZ-MIRANDA V., PUERRO M. & ALEIXANDRE M. A.* **493.P**, 81*S*, 1996

*LÓPEZ-MIRANDA V., VARA R., GAITÁN M. R., SOLÍS M. & ALEIXANDRE M. A.* Growth patterns in rats fed on calcium-deficient diets **493.P**, 137*S*, 1996

LÓPEZ-NOVOA J.M. *see MARTÍNEZ-SALGADO C., RODRÍGUEZ-BARBERO A., MACLAUGHLIN M. & LÓPEZ-NOVOA J. M.* **493.P**, 86*S*, 1996

*see* RIVAS-CABAÑERO L., VALDIVIELSO J. M., ALONSO J. R., ARÉVALO M. & LÓPEZ-NOVOA J. M. **493.P**, 86*S*, 1996

*see* REVERTE M., VALDIVIESO J. M. & LÓPEZ-NOVOA J. M. **493.P**, 87*S*, 1996

*see* VALDIVIELSO J. M., RIVAS-CABAÑERO L., ALONSO J. R. & LÓPEZ-NOVOA J. M. **493.P**, 87*S*, 1996

*see* DÍEZ-PANERO L. M., ELENO N., RODRÍGUEZ-LÓPEZ A., MACLAUGHLIN M., PÉREZ-BARRIOCANAL F. & LÓPEZ-NOVOA J. M. **493.P**, 88*S*, 1996

*see* FLORES O., CRIADO-JIMÉNEZ M., RIVAS-CABAÑERO L., HIDALGO F., ELENO N., DÍEZ-PANERO L. M., ESTAÑ J. G. & LÓPEZ-NOVOA J. M. **493.P**, 88*S*, 1996

*see* GALLEGO-OVIEDO M. B., MARTÍNEZ-SALGADO C., VALDIVIELSO J. M., RODRÍGUEZ-BARBERO A., GARCÍA-BASTOS J. L., ARÉVALO M. & LÓPEZ-NOVOA J. M. **493.P**, 88*S*, 1996

*see* RIVAS-CABAÑERO L., RODRÍGUEZ-LÓPEZ A. M., MARTÍNEZ-SALGADO C. & LÓPEZ-NOVOA J. M. **493.P**, 164*S*, 1996

LÓPEZ-OLIVA M. E.

*LÓPEZ-OLIVA M. E., AGIS-TORRES A., UNZAGA M. T. & MUÑOZ-MARTÍNEZ E.* Recombinant human growth hormone, protein level, sex, and age as factors influencing gastrocnemius muscle growth in BALB/c mice from weaning to 50 days of age **493.P**, 132*S*, 1996

LÓPEZ-TORRES M. *see* ROJAS C., CADENAS S., PÉREZ-CAMPO R., LÓPEZ-TORRES M. & BARJA G. **493.P**, 136*S*, 1996

*see* ROJAS C., CADENAS S., PÉREZ-CAMPO R., LÓPEZ-TORRES M. & BARJA G. **493.P**, 136*S*, 1996

LORENZO M. T. *see* RODRÍGUEZ M. E., LORENZO M. T., LÓPEZ C., VÁZQUEZ L. A. & PAZO J. A. **493.P**, 112*S*, 1996

*see* RICO M., LORENZO M. T., OLIVEIRA C., ARNAIZ I. & DE LA CRUZ L. F. **493.P**, 125*S*, 1996

*see* RICO M., LORENZO M. T., OLIVEIRA C., ARNAIZ I. & DE LA CRUZ L. F. **493.P**, 125*S*, 1996

LOSANO G. *see* GATTULLO D., LINDEN R. J., LOSANO G. & PAGLIARO P. **494.P**, 97*P*, 1996

LOSSIUS K. *see* SØVIK S., LOSSIUS K., ERIKSEN M., GRØGAARD J. & WALLØE L. **494.P**, 36*P*, 1996

LOTE C. J. *see* WILLMOTT K. L., THEWLES A. & LOTE C. J. **493.P**, 99*P*, 1996

LOTTO R. B. *see* PRICE D. J., LOTTO R. B., PEACOCK S. D., CLAUSEN J. A., CASES O. & WARREN N. **495.P**, 7*S*, 1996

LOUCA C.

*LOUCA C., VIDGEON S., LINDEN R. W. A. & CADDEN S. W.* The origins of inhibitory jaw reflexes evoked by intra-oral mechanical stimuli in man **491.P**, 115*P*, 1996

LOU F.

*LOU F., CURTIN N. A. & WOLEDGE R. C.* Activation heat in white muscle fibres isolated from dogfish **494.P**, 131*P*, 1996

LOUWERSE A.-M.

*LOUWERSE A.-M. & MARSHALL J. M.* Behavioural and cardiovascular responses evoked by hypoxia in the unanaesthetized rat **494.P**, 103*P*, 1996

LOVEDAY B. E. *see* TEIN M. S. C., BREEN S. A., LOVEDAY B. E., GARLAND H. O., BALMENT R. J., BOYD R. D. H. & SIBLEY C. P. **497.P**, 126*P*, 1996

LOVICK T. A.

*LOVICK T. A. & KEY B. J.* Evidence for a cerebrovascular rather than neuronal origin of systemic arterial pressure-induced changes in concentration of nitric oxide within the midbrain in anaesthetized rats **491.P**, 8*P*, 1996

LOWE A. S.

*LOWE A. S., MCCORMACK K., WALSH D. M., BAXTER G. D. & ALLEN J. M.* The effects of transcutaneous electrical nerve stimulation (TENS) parameters upon bilateral nerve conduction, mechanical pain and tactile thresholds in humans **495.P**, 131*P*, 1996

LOWRIE M. B. *see* HUGHES S., LOWRIE M. B. & SMITH M. E. **491.P**, 150*P*, 1996

*see* HUGHES S., SMITH M. E. & LOWRIE M. B. **494.P**, 87*P*, 1996

LOW S. Y.

*LOW S. Y. & TAYLOR P. M.* The phosphatidylinositol (PI) 3′-kinase inhibitor wortmannin prevents activation of glutamine transport by osmotically induced cell swelling in primary culture of rat skeletal muscle myotubes **493.P**, 84*P*, 1996

LOZANO M. *see* BLANCO M. D., MARTÍN J. A., GARCÍA O., LOZANO M. & TEIJÓN J. M. **493.P**, 141*S*, 1996

*LOZANO M., MARTÍN J. A., TRIGO R. M., GÓMEZ C. & HUERTA P.* Preferential interactions of poly(*N*-vinyl-2-pyrrolidone) in the binary mixture water/$VOSO_4$ **493.P**, 141*S*, 1996

LUCÍA A.

*LUCÍA A., CHICHARRO J. L., BANDRÉS F. & LEGIDO J. C.* Endurance exercise and male reproductive function **493.P**, 118*S*, 1996

LÜCKERMANN M. *see* TRAPP S., LÜCKERMANN M., KAILA K. & BALLANYI K. **494.P**, 76*P*, 1996

LUDWIG J. *see* STANSFELD C. E., RÖPER J., LUDWIG J., WESELOH R. M., MARSH S. J., BROWN D. A. & PONGS O. **491.P**, 89*P*, 1996

LUDWIG M.

*LUDWIG M., WILLIAMS K., CALLAHAN M. F. & MORRIS M.* Salt loading abolishes osmotically stimulated vasopressin (VP) release in the supraoptic nucleus (SON) in urethane-anaesthetized rats **494.P**, 141*P*, 1996

*LUDWIG M., RUSSELL J. A. & LENG G.* Microdialysis drug administration into the supraoptic nucleus during single cell recording in anaesthetized rats **495.P**, 2*P*, 1996

LUFF A. R.

*LUFF A. R., CICCOTOSTO G. D. & EINSIEDEL L. J.* Motor unit innervation ratios in anaesthetized cat muscles partially denervated at birth **495.P**, 152*P*, 1996

LUHESHI G. N.

*LUHESHI G. N., MILLER A. J., HOPKINS S. J. & ROTHWELL N. J.* Effect of IL-1ra on the local cytokine production and fever induced by subcutaneous injection of LPS into an air pouch in the rat **493.P**, 102*P*, 1996

*see* MILLER A. J., LUHESHI G. N., HOPKINS S. J. & ROTHWELL N. J. **493.P**, 102*P*, 1996

LUKOWIAK K. *see* SPENCER G. E., SYED N. I., LUKOWIAK K. & WINLOW W. **491.P**, 104*P*, 1996

LUKYANETZ E. A.

*LUKYANETZ E. A., PIPER T. P., DOLPHIN A. C. & SIHRA T. S.* Interaction between calcium channels and calcineurin in NG108-15 cells **494.P**, 79*P*, 1996

LUMB B. M. *see* SNOWBALL R. K., DAMPNEY R. A. L. & LUMB B. M. **491.P**, 114*P*, 1996

*see* WATERS A. J. & LUMB B. M. **495.P**, 18*P*, 1996

*see* WATERS A. J. & LUMB B. M. **497.P**, 106*P*, 1996

LUNA-GÁLVEZ S. *see* PÉREZ-MORENO A., SÁNCHEZ-DEL-PINO M. J., LUNA-GÁLVEZ S., GÓMEZ-GÓMEZ C. & NAVARRO-ARÉVALO A. **493.P**, 135*S*, 1996

LUNA L. *see* VELASCO A., TEJEDO B., LUNA L., G-GRANDA T., ALONSO I. & CUYAS L. **493.P**, 122*S*, 1996

LUNAM C. A.

*LUNAM C. A. & SMITH T. K.* Responses of single neurons in the intestinal nerve of Remak of the domestic fowl to gut distension: an electrophysiological and morphological study **495.P**, 101*P*, 1996

LUTZ E. M. *see* SHEWARD W. J., LUTZ E. M. & HARMAR A. J. **491.P**, 96*P*, 1996

LYGATE C. P. *see* VAN DE PUT F. H. M. M., LYGATE C. P. & ELLIOTT A. C. **493.P**, 57*P*, 1996

LYLE N.

*LYLE N. & RUTHERFORD O. M.* A comparison of voluntary *versus* stimulated strength training of the human adductor pollicis muscle **491.P**, 80*P*, 1996

LYMN J. S. *see* JOHNS E. C., HODSON E. A. M., FISH H., LYMN J. S., THURSTON H., MULLIGAN I. P. & ASHLEY C. C. **497.P**, 51*P*, 1996

LYNN B. *see* BASILE S., LADEWIG S., PIERAU FR.-K. & LYNN B. **494.P**, 45*P*, 1996

*see* GEE M. D., LYNN B. & COTSELL B. **494.P**, 46*P*, 1996

*see* GOOCH C., COTSELL B. & LYNN B. **494.P**, 47*P*, 1996

LYON I. N.

*LYON I. N. & DAY B. L.* Preparatory lateral body motion is scaled to step duration in human stepping **491.P**, 73*P*, 1996

*LYON I. N. & DAY B. L.* Preparatory lateral body motion in forward steps of varying stride length in man **493.P**, 37*P*, 1996

MCARDLE H. J. *see* SHAH S. W., MCARDLE H. J. & HUNDAL H. S. **493.P**, 84*P*, 1996

*see* MIDDLETON R. B., ANDERSON G. A. & MCARDLE H. J. **494.P**, 41*P*, 1996

MCAULEY J. H.

*MCAULEY J. H.* The timing of human anticipatory saccades may reveal the presence of an underlying saccade rhythm generator **493.P**, 39*P*, 1996

MCAULEY M. A.

*MCAULEY M. A., ARRIBAS S. M. & MCGRATH J. C.* Demonstration of endothelin-1 (ET-1)-induced alterations in cerebrovascular permeability using confocal laser scanning microscopy (CLSM) **493.P**, 84*S*, 1996

MCBRIDE D. W. JR *see* WILKINSON N. C., MCBRIDE D. W. JR & HAMILL O. P. **491.P**, 101*P*, 1996

MACCABEE P. J. *see* AMASSIAN V. E., CRACCO R. Q., MACCABEE P. J., CRACCO J. B., HASSAN N., VERGARA M. & EBERLE L. **491.P**, 74*P*, 1996

*see* AMASSIAN V. E., CRACCO R. Q., CRACCO J. B., MACCABEE P. J., VERGARA M. & HASSAN N. **493.P**, 40*P*, 1996
*see* MARI Z., SAGLIOCCO L., MACCABEE P. J., CRACCO R. Q., BODIS-WOLLNER I. & AMASSIAN V. E. **495.P**, 131*P*, 1996
*see* AMASSIAN V. E., CRACCO R. Q., MACCABEE P. J., VERGARA M. & HASSAN N. **497.P**, 34*P*, 1996

McCAIG C.D. *see* ZHAO M., AGIUS-FERNANDEZ A., FORRESTER J. V. & MCCAIG C. D. **495.P**. 64*P*, 1996
MCCAIG C. D., FLETT G. G., ZHAO M., AGIUS-FERNANDEZ A. & FORRESTER J. V. Fibronectin and laminin promote directional migration of cultured bovine corneal epithelial cells in a small applied electric field **495.P**, 65*P*, 1996
*see* SANGSTER L., STEWART R., ZIETLOW R. & MCCAIG C. D. **495.P**, 155*P*, 1996

McCLELLAND V.M.
MCCLELLAND V. M., MILLER S. & EYRE J. A. Short latency heteronymous muscle reflexes in the upper limb in man **494.P**, 22*P*, 1996

McCONNELL A.K. *see* CAINE M. P. & MCCONNELL A. K. **491.P**, 68*P*, 1996
*see* SHARPE G. R., MCCONNELL A. K. & CAINE M. P. **491.P**, 69*P*, 1996
*see* CAINE M. P. & MCCONNELL A. K. **495.P**, 139*P*, 1996
*see* SHARPE G. R., HAMER M., CAINE M. P. & MCCONNELL A. K. **495.P**, 139*P*, 1996

McCONNELL G. *see* CANDY E., MCCONNELL G. & SHORT A. **495.P**, 7*P*, 1996

McCORMACK K. *see* LOWE A. S., MCCORMACK K., WALSH D. M., BAXTER G. D. & ALLEN J. M. **495.P**, 131*P*, 1996

McCROHAN C.R. *see* CAMPBELL M. M., MCCROHAN C. R., WHITE K. N. & POWELL J. J. **495.P**, 34*P*, 1996
*see* HUBBARD P. C., BALMENT R. J. & MCCROHAN C. R. **495.P**, 38*P*, 1996

MACDONALD A.G.
MACDONALD A. G. & MASSON M. R. High hydrostatic pressure activates BK channels in bovine chromaffin cells **495.P**, 73*P*, 1996
*see* MASON H. S., SYME C. A., MACDONALD A. G. & WAHLE K. W. **495.P**, 74*P*, 1996

MACDONALD I.A. *see* TIMMONS J. A., POUCHER S. M., CONSTANTIN-TEODOSIU D., MACDONALD I. A. & GREENHAFF P. L. **491.P**, 62*P*, 1996
*see* GREEN A. L., SEWELL D. A., SIMPSON L., HULTMAN E., MACDONALD I. A. & GREENHAFF P. L. **491.P**, 63*P*, 1996
*see* HABAS E. L. & MACDONALD I. A. **491.P**, 65*P*, 1996
*see* STUBBS T. A., EVANS A. E., PERRY A. J., HAWKINS M. & MACDONALD I. A. **491.P**, 66*P*, 1996
*see* TIMMONS J. A., POUCHER S. M., CONSTANTIN-TEODOSIU D., MACDONALD I. A. & GREENHAFF P. L. **491.P**, 126*P*, 1996
*see* MAHAJAN R. P. & MACDONALD I. A. **494.P**, 96*P*, 1996
*see* TIMMONS J. A., GUSTAVSSON T., JANSSON E., HULTMAN E., SUNDBERG C. J., KAIJSER L., CHWALBINSKA-MONETA J., CONSTANTIN-TEODOSIU D., MACDONALD I. A. & GREENHAFF P. L. **495.P**, 133*P*, 1996
*see* WELLER A. S., MILLARD C. E., GREENHAFF P. L. & MACDONALD I. A. **495.P**, 135*P*, 1996

McDONALD R.L.
MCDONALD R. L., VAUGHAN P. F. T. & PEERS C. $Ca^{2+}$ entry pathways activated by angiotensin II and carbachol in angiotensin ($AT_{1A}$) receptor transfected human neuroblastoma (SH-SY5Y) cells **493.P**, 45*P*, 1996
*see* ROBERTS D. J., MCDONALD R. L., PEERS C. & VAUGHAN P. F. T. **497.P**, 119*P*, 1996

McEWAN G.T.A. *see* BEDRI B. A., PAGE K. R. & MCEWAN G. T. A. **493.P**, 88*P*, 1996

McFADZEAN I. *see* WAYMAN C. P., MCFADZEAN I., GIBSON A. & TUCKER J. F. **495.P**, 174*P*, 1996

McFARLANE J.P.
MCFARLANE J. P., FOLEY S. J., DE WINTER P., SHAH P. J. R. & CRAGGS M. D. Suppression of detrusor instability in man by magnetic stimulation of the sacral nerve roots **497.P**, 16*P*, 1996

McGARRICK J.D. *see* STEPHENS L. J., MCGARRICK J. D. & WARD J. P. T. **491.P**, 2*P*, 1996

McGARRIGLE H.H.G. *see* GREEN L. R., MCGARRIGLE H. H. G., BENNET L. & HANSON M. A. **494.P**, 35*P*, 1996

McGLINCHEY L. *see* HÖLSCHER C., MCGLINCHEY L., ANWYL R. & ROWAN M. J. **495.P**, 63*P*, 1996

McGOVERN A.
MCGOVERN A., RICHARDSON H. C. & WILLIAMSON J. B. Vibration-evoked reflexes in the superficial paraspinal muscles of girls with adolescent idiopathic scoliosis (AIS) **495.P**, 144*P*, 1996

McGRATH J.C. *see* MCAULEY M. A., ARRIBAS S. M. & MCGRATH J. C. **493.P**, 84*S*, 1996
*see* PEDIANI J. D., MCGRATH J. C. & WILSON S. M. **495.P**, 173*P*, 1996

McHALE N.G. *see* COTTON K. D., HOLLYWOOD M. A., MCHALE N. G. & THORNBURY K. D. **495.P**, 98*P*, 1996
*see* HOLLYWOOD M. A., COTTON K. D., THORNBURY K. D. & MCHALE N. G. **495.P**, 98*P*, 1996

McHUGH D.
MCHUGH D. & BEECH D. J. Protein kinase C requirement for stimulatory action of internal ATP on $Ca^{2+}$ channels of guinea-pig basilar artery myocytes **497.P**, 128*P*, 1996

MACIAS R.I.R. *see* MONTE M. J., MORALES A. I., ALVARO I., MACIAS R. I. R., PALOMERO M. F., EL-MIR M. Y. & MARIN J. J. G. **493.P**, 163*S*, 1996

McINTOSH M.A.
MCINTOSH M. A., CURRIE S. & SMITH G. L. Myocytes isolated from the sub-endocardial region of rabbit hearts with left ventricular dysfunction have abnormally long intracellular $Ca^{2+}$ transients **491.P**, 156*P*, 1996

McINTOSH P.
MCINTOSH P., SOUTHAN A. P., AKHTAR S., SIDERA C., USHKARYOV Y., DOLLY J. O. & ROBERTSON B. Modification of rKv1.4 current by association with $\beta_1$ and $\beta_2$ subunits **495.P**, 87*P*, 1996

McINTYRE H. *see* GRAY R., MCINTYRE H. & FRY C. H. **495.P**, 169*P*, 1996

McKENNA F.
MCKENNA F., SMITH M. A., ROWE I. C. M., RICHARDSON P. J. & ASHFORD M. L. J. Identification of distinct potassium channels from rat motor cortex presynaptic terminals **495.P**, 87*P*, 1996

MacKENZIE A.B.
MACKENZIE A. B. & MAHAUT-SMITH M. P. Evidence for autocrine activation of $P2X_1$ purinoceptors in human platelets **497.P**, 122*P*, 1996

McKENZIE D.J.
MCKENZIE D. J. & TAYLOR E. W. Cardioventilatory control in a neotenous salamander (*Ambystoma mexicanum*) **491.P**, 53*P*, 1996

McKENZIE D.N.
MCKENZIE D. N., DYBALL R. E. J. & FORSLING M. L. The role of the pineal gland in circadian regulation of the electrical activity of magnocellular neuroendocrine neurones recorded *in vivo* **491.P**, 176*P*, 1996
*see* DYBALL R. E. J. & MCKENZIE D. N. **494.P**, 139*P*, 1996
*see* DICKSON S. L., DOUTRELANT-VILTART O., MCKENZIE D. N. & DYBALL R. E. J. **495.P**, 109*P*, 1996

McKOY G.
MCKOY G., MANDER J., WILLIAMS N. & GOLDSPINK G. The effect of stretch and electrical stimulation on the expression of the type 2X myosin heavy chain genes in rabbit tibialis anterior muscle **491.P**, 98*P*, 1996

McLACHLAN E.M.
MCLACHLAN E. M., DAVIES P. J. & HÄBLER H.-J. Reflex synaptic responses evoked in rat superior cervical ganglion cells by brief pinches **497.P**, 2*S*, 1996

MacLAREN D.P.M.
MACLAREN D. P. M., REILLY T., CAMPBELL I. T. & FOSTER S. The hormonal and metabolite responses to maintained hyperglycaemia during exercise are significantly affected by carbohydrate loading and depletion **495.P**, 132*P*, 1996

MacLAUGHLIN M. *see* MARTÍNEZ-SALGADO C., RODRÍGUEZ-BARBERO A., MACLAUGHLIN M. & LÓPEZ-NOVOA J. M. **493.P**, 86*S*, 1996
*see* DÍEZ-PANERO L. M., ELENO N., RODRÍGUEZ-LÓPEZ A., MACLAUGHLIN M., PÉREZ-BARRIOCANAL F. & LÓPEZ-NOVOA J. M. **493.P**, 88*S*, 1996

MacLEAN D. *see* CALBET J. A. L. & MACLEAN D. **491.P**, 67*P*, 1996

MacLEAN D.A.
MACLEAN D. A., RÅDEGRAN G., HELLSTEN Y. & BANGSBO J. Measurement of muscle interstitial adenosine levels by microdialysis during incremental dynamic exercise in humans **491.P**, 126*P*, 1996

McLEAN M. *see* CARO C. G., DOORLY D. J., TARNAWSKI M., MCLEAN M., WADSWORTH J. & DUMOULIN C. L. **497.P**, 69*P*, 1996

MacLEOD N.
*see* JOHNSTON A., BLACK C., FRASER J., MANSON J., HOPE J., CLARKE A. & MACLEOD N. **495.P**, 15*P*, 1996
MACLEOD N., EDGAR J. & JOHNSTON A. A novel calcium-dependent oscillation and giant depolarizing potentials in postnatal mouse lateral geniculate neurones studied *in vitro* **495.P**, 153*P*, 1996

McLOUGHLIN P. *see* BEDDY D. & MCLOUGHLIN P. **491.P**, 54*P*, 1996

McMAHON N.C. *see* DRINKHILL M. J., MCMAHON N. C., NOBLE B. J., MYERS D. S. & HAINSWORTH R. **497.P**, 12*P*, 1996

*McMahon N. C., Drinkhill M. J. & Hainsworth R.* Vascular responses to stimulation of carotid, aortic and coronary baroreceptors with pulsatile and non-pulsatile pressures in anaesthetized dogs **497.P**, 72*P*, 1996

McMahon S.B.

*McMahon S. B.* The effects and biological roles of nerve growth factor (NGF) on pelvic visceral sensory neurones **497.P**, 6*S*, 1996

McMillan M.R.

*McMillan M. R., Burnstock G. & Haworth S. G.* ATP-evoked relaxation of porcine conduit intrapulmonary artery increases with age **491.P**, 42*P*, 1996

McMorn S.O.

*McMorn S. O., Harrison S. M. & Boyett M. R.* The temperature dependence of inactivation of the L-type $Ca^{2+}$ current in isolated rat ventricular myocytes **494.P**, 108*P*, 1996

*McMorn S. O., Janvier N. C. & Boyett M. R.* The action of acetylcholine on the L-type $Ca^{2+}$ current of isolated canine ventricular myocytes is voltage dependent **494.P**, 113*P*, 1996

McNaughton N.C.L.

*McNaughton N. C. L. & Randall A. D.* Activation, inactivation, deactivation and permeation of the recombinant human N-type $Ca^{2+}$ channel in $Ca^{2+}$-, $Ba^{2+}$- and $Sr^{2+}$-containing extracellular solutions **495.P**, 77*P*, 1996

McNaughton P.A. *see Fuentes E., Nadal A., Jacob R. & McNaughton P. A.* **491.P**, 10*P*, 1996

*see Sardini A., Goodfellow H. R., Higgins C. F. & McNaughton P. A.* **491.P**, 97*P*, 1996

*see Cesare P., Stoughton R. & McNaughton P. A.* **491.P**, 142*P*, 1996

*see Gilabert R. & McNaughton P. A.* **491.P**, 142*P*, 1996

*McNaughton P.A.* A brief history of CNG channels **491.P**, 8*S*, 1996

MacPhee P.J.

*MacPhee P. J.* Renal papillary hyaluronan concentrations based on new estimates of the interstitial volume in age-matched rats **493.P**, 78*P*, 1996

McQueen D.S.

*McQueen D. S., Winkler H., Eder U., Timm M., Dashwood M. R. & Bond S. M.* Presence and action of secretoneurin in the rat carotid body **495.P**, 20*P*, 1996

*see Bulling D. G. S., McQueen D. S. & Seckl J. R.* **495.P**, 24*P*, 1996

McQueen J.K.

*McQueen J. K., Wilson H., Dow R. C. & Fink G.* Oestradiol-17$\beta$ increases serotonin transporter (SERT) binding sites and SERT mRNA expression in discrete regions of female rat brain **495.P**, 114*P*, 1996

McWilliam P.N. *see Saha S., Batten T. F. C. & McWilliam P. N.* **497.P**, 74*P*, 1996

*see Batten T. F. C., McWilliam P. N., Maqbool A., Michael G. J. & Priestley J. V.* **497.P**, 107*P*, 1996

*see Batten T. F. C., Maqbool A. & McWilliam P. N.* **497.P**, 7*S*, 1996

Madhavan B. *see Miller B. A., Madhavan B. & Woolf C. J.* **494.P**, 44*P*, 1996

Madsen P. *see Boushel R., Madsen P., Nielsen H. B., Quistorff B. & Secher N. H.* **491.P**, 69*P*, 1996

*see Boushel R., Madsen P., Nielsen H. B. & Secher N. H.* **495.P**, 138*P*, 1996

Maeso R. *see Navarro J., Muñoz R., Maeso R., Rodrigo E., Cachofeiro V., Ruilope L. M. & Lahera V.* **493.P**, 70*S*, 1996

Maffei L.

*Maffei L., Fagiolini M. & Pizzorusso T.* Role of neurotrophins in the plasticity of the rat visual system **495.P**, 7*S*, 1996

Magdorf K. *see Vormann J., Günther T., Magdorf K. & Rob P.* **493.P**, 66*P*, 1996

Magnifico F. *see Puvi-Rajasingham S., Kimber J., Akinola A., Magnifico F., Watson L. P. & Mathias C. J.* **494.P**, 96*P*, 1996

Mahajan R.P.

*Mahajan R. P. & Macdonald I. A.* Quantitative assessment of transient hyperaemic response test using transcranial doppler ultrasonography in humans **494.P**, 96*P*, 1996

Mahaut-Smith M.P.

*Mahaut-Smith M. P.* An infrared light-transmitting aperture controller for use in single cell photometric measurements of intracellular $Ca^{2+}$ **497.P**, 2*P*, 1996

*see Hussain J. F. & Mahaut-Smith M. P.* **497.P**, 121*P*, 1996

*see MacKenzie A. B. & Mahaut-Smith M. P.* **497.P**, 122*P*, 1996

Mahon M. *see Richardson H. C., Mahon M., Cunningham M. & Miller I.* **495.P**, 8*P*, 1996

Maier M.A.

*Maier M. A., Illert M., Kirkwood P. A., Nielsen J. & Lemon R. N.* Lack of evidence for C3–C4 propriospinal transmission of corticospinal excitation to forearm motoneurones in the anaesthetized macaque monkey **494.P**, 63*P*, 1996

*see Olivier E., Maier M. A., Baker S. N., Philbin N., Morris T. & Lemon R. N.* **494.P**, 63*P*, 1996

Main M.J.

*Main M. J. & Cannell M. B.* U-shaped inactivation curves recorded with $Ba^{2+}$ as the charge carrier through L-type calcium channels in isolated guinea-pig ventricular myocytes **497.P**, 127*P*, 1996

Mains R.E. *see Eipper B. A. & Mains R. E.* **494.P**, 7*S*, 1996

Majerczak J. *see Zoladz J. A., Duda K., Majerczak J., Domanski J. & Emmerich J.* **491.P**, 58*P*, 1996

*see Zoladz J. A., Duda K. & Majerczak J.* **491.P**, 76*P*, 1996

Malassiné A. *see Cronier L., Délèze J., Malassiné A. & Hervé J. C.* **494.P**, 40*P*, 1996

Maldonado R. *see Tejedor-Real P., Micó J. A., Maldonado R., Roques B. P. & Gibert-Rahola J.* **493.P**, 16*S*, 1996

Malécot C.O. *see Mjares A., Peineau N., Malécot C. O. & Argibay J.* **494.P**, 113*P*, 1996

*Malécot C. O. & Argibay J. A.* Evidence for more than two components of intramembrane charge movements in guinea-pig ventricular heart cells **497.P**, 54*P*, 1996

Malinow R.

*Malinow R.* Unsilencing postsynaptically silent synapses during long-term potentiation **495.P**, 2*S*, 1996

Malla A. *see Ferrández M. D., García I., Malla A. & De la Fuente M.* **493.P**, 139*S*, 1996

Mallo F. *see Carro E., Mallo F. & Dieguez C.* **493.P**, 121*S*, 1996

Maltby M.

*Maltby M., Wilson R. W., Wareing M. & Green R.* A new cuvette design for microcolorimetric analysis of nanolitre samples from kidney tubules **493.P**, 56*P*, 1996

Mamas M.A.

*Mamas M. A. & Terrar D. A.* Investigation into the mechanisms which underlie the negative inotropic actions of phorbol dibutyrate in guinea-pig isolated ventricular myocytes **491.P**, 157*P*, 1996

*Mamas M. A., Connors S. C. & Terrar D. A.* Effects of protein kinase C on the components of the delayed rectifier potassium current in guinea-pig isolated ventricular myocytes **493.P**, 26*P*, 1996

*Mamas M. A. & Terrar D. A.* Actions of the nitric oxide donor molsidomine on contractions and spontaneous activity in guinea-pig isolated ventricular myocytes following prestimulation with isoprenaline **497.P**, 48*P*, 1996

Mamin A.G. *see Kaznacheyeva E. V., Kiselyov K. I., Mamin A. G. & Mozhayeva G. N.* **497.P**, 120*P*, 1996

*see Kiselyov K. I., Mamin A. G. & Mozhayeva G. N.* **497.P**, 129*P*, 1996

Mander J. *see McKoy G., Mander J., Williams N. & Goldspink G.* **491.P**, 98*P*, 1996

Maniscalco M. *see Smith A. P. L., Demoncheaux E. A. G., Maniscalco M. & Higenbottam T. W.* **491.P**, 100*P*, 1996

Mann G.E. *see Jay M. T., Chirico S., Bruckdorfer R., Jacobs M., Leake D. S., Pearson J. D. & Mann G. E.* **491.P**, 9*P*, 1996

*see Sobrevia L., Yudilevich D. L. & Mann G. E.* **491.P**, 15*P*, 1996

*see Cannon T. R., Mann G. E. & Baydoun A. R.* **491.P**, 20*P*, 1996

*see Wileman S. M., Baydoun A. R. & Mann G. E.* **491.P**, 20*P*, 1996

*see Siow R. C. M., Sato H., Pearson J. D. & Mann G. E.* **491.P**, 31*P*, 1996

*see Chirico S., Jay M. T., Mann G. E., Pearson J. D., Jacobs M. & Bruckdorfer K. R.* **491.P**, 33*P*, 1996

*see Sato H., Siow R. C. M., Taketani S., Ishii T., Bannai S. & Mann G. E.* **491.P**, 41*P*, 1996

*see Sobrevia L., Contreras R., Siow R. C. M. & Mann G. E.* **493.P**, 73*P*, 1996

*see Hanssen H., Mendes Ribeiro A. C., Conway M., Mann G. E. & Ellory J. C.* **494.P**, 112*P*, 1996

Mansaray M. *see Clarke S. B., Drake-Holland A. J., Hynd J., Wright Z., Mansaray M., Noble M. I. M. & Seymour A.-M.L.* **497.P**, 50*P*, 1996

Manso M.A. *see Rodríguez A. I., Manso M. A., García-Montero A. C., Orfao A. & de Dios I.* **493.P**, 100*S*, 1996

*see Pescador R., Manso M. A., Rebollo A. J., Rodríguez A. I., García-Montero A. C. & de Dios I.* **493.P**, 111*S*, 1996

*see Pescador R., Manso M. A., Rebollo A. J., García-Montero A. C., Rodríguez A. I. & de Dios I.* **493.P**, 112*S*, 1996

MANSON J. *see* JOHNSTON A., BLACK C., FRASER J., MANSON J., HOPE J., CLARKE A. & MACLEOD N. **495.P**, 15*P*, 1996

MANSO R. *see* CUEVAS M. J., COLLADO P. S., ALMAR M., MANSO R. & GONZÁLEZ-GALLEGO J. **493.P**, 143*S*, 1996

MANUNTA Y. *see* NODAL F. R., MANUNTA Y., EDELINE J.-M. & BAJO V. M. **493.P**, 15*S*, 1996

MANZANEQUE J. M.
*MANZANEQUE J. M., MARTÍN-LÓPEZ M. & NAVARRO J. F.* Tolerance to chlorpromazine anti-aggressive activity after repeated administration to mice **493.P**, 15*S*, 1996

MAQBOOL A. *see* BATTEN T. F. C., MCWILLIAM P. N., MAQBOOL A., MICHAEL G. J. & PRIESTLEY J. V. **497.P**, 107*P*, 1996
*see* BATTEN T. F. C., MAQBOOL A. & MCWILLIAM P. N. **497.P**, 7*S*, 1996

MARCAGGI P. *see* COLES J. A., THWAITES D. T., MARCAGGI P. & DEITMER J. W. **491.P**, 147*P*, 1996
*MARCAGGI P., THWAITES D. T. & COLES J. A.* Accumulation of protons in glial cells dissociated from bee retina in response to ammonium **495.P**, 60*P*, 1996

MARCHANT J. S.
*MARCHANT J. S. & TAYLOR C. W.* Rapid kinetics of inositol 1,4,5-trisphosphate-stimulated $^{45}Ca^{2+}$ release from permeabilized rat hepatocytes **491.P**, 91*P*, 1996
*MARCHANT J. S. & TAYLOR C. W.* Delayed opening of inositol trisphosphate receptors in permeabilized rat hepatocytes **495.P**, 85*P*, 1996

MARCHENKO S. M.
*MARCHENKO S. M. & SAGE S. O.* Pressure-modulated cationic channels from endothelium of excised intact rat aorta **491.P**, 25*P*, 1996

MARCO R.
*MARCO R., NAVARRO H., RODRIGUEZ-YOLDI M. J. & ALCALDE A. I.* Effect of motilin on the L-leucine transport in rabbit jejunum **493.P**, 108*S*, 1996

MARDON H. J. *see* EUROPE-FINNER G. N., PHANEUF S., MARDON H. J. & LÓPEZ BERNAL A. **491.P**, 166*P*, 1996

MARGETTS P. *see* GARDNER-MEDWIN A. R., VARUGHESE M. & MARGETTS P. **494.P**, 2*P*, 1996

MARÍ E. A. B. *see* GRANDE M. C. R., MARÍ E. A. B. & CALVO R. M. **493.P**, 134*S*, 1996
*see* GRANDE M. C. R., MARÍ E. A. B. & CALVO R. M. **493.P**, 134*S*, 1996
*MARÍ E. A. B., BLASCO R., GOMEZ-TERREROS J. & CALVO R. M.* Influence of captopril (ACE inhibitor) on food intake and body weight **493.P**, 134*S*, 1996

MARÍN B. *see* DÍAZ B., COLMENERO M. D., DÍAZ E., ARCE A., ESQUIFINO A., GARCÍA R. & MARÍN B. **493.P**, 124*S*, 1996

MARIN J. J. G. *see* BRAVO P., MARIN J. J. G., BEVERIDGE M. J. & NOVAK D. A. **493.P**, 101*S*, 1996
*see* SERRANO M. A., BRITES D., MONTE M. J., BRAVO P., POEIRAS J., OLIVEIRA N. & MARIN J. J. G. **493.P**, 101*S*, 1996
*MARIN J. J. G., MONTE M. J. & SERRANO M. A.* Modulating role of bile acids in liver regeneration **493.P**, 159*S*, 1996
*see* MONTE M. J., SERRANO M. A., VILLANUEVA G. R., BARBERO E. R., HERRERA M. C., CRIADO J., DOMINGUEZ M. F. & MARIN J. J. G. **493.P**, 162*S*, 1996
*see* MONTE M. J., MORALES A. I., ALVARO I., MACIAS R. I. R., PALOMERO M. F., EL-MIR M. Y. & MARIN J. J. G. **493.P**, 163*S*, 1996
*see* BRAVO P., SERRANO M. A., GUTIERREZ M., VILLANUEVA G. R. & MARIN J. J. G. **494.P**, 35*P*, 1996

MARI Z.
*MARI Z., SAGLIOCCO L., MACCABEE P. J., CRACCO R. Q., BODIS-WOLLNER I. & AMASSIAN V. E.* Magnetic stimulation of anterior frontal lobe can facilitate and distort human perception of language symbols **495.P**, 131*P*, 1996

MARK I. R.
*MARK I. R. & FRY C. H.* The mode of action of urolithiasis inhibitors on urinary $Ca^{2+}$ solubility **493.P**, 16*P*, 1996

MARK M. A.
*MARK M. A., COLVIN L. A. & DUGGAN A. W.* Antibody microprobe studies of release of immunoreactive neuropeptide Y in the spinal cord of the neuropathic rat **495.P**, 21*P*, 1996

MAROTO R.
*MAROTO R., DE LA FUENTE M. T., ZAPATER P., ABAD F. & ESQUERRO E.* Calcium channel blockers as cytoprotective drugs in bovine chromaffin cells **493.P**, 127*S*, 1996
*see* DE LA FUENTE M. T., MAROTO R., SÁNCHEZ-GARCÍA P. & GARCÍA A. G. **493.P**, 127*S*, 1996

MARPLE-HORVAT D. E. *see* CROWDY K., HOLLANDS M. A., MONTGOMERY A. S., MARPLE-HORVAT D. E., ARMSTRONG D. M. & FERGUSON I. T. **493.P**, 14*P*, 1996
*MARPLE-HORVAT D. E., CRIADO J. M., HOLLANDS M. A. & ARMSTRONG D. M.* The lateral cerebellum and visually guided stepping **493.P**, 9*S*, 1996

MARPLES D. *see* NIELSEN S., MARPLES D. & KNEPPER M. A. **493.P**, 3*S*, 1996
*MARPLES D., KNEPPER M. A., TAYLOR A. & NIELSEN S.* Dynein is present in rat collecting duct principal cells, and colocalizes with vesicles containing aquaporin-2 (AQP2) water channels **493.P**, 69*P*, 1996
*MARPLES D., RASCH R., KNEPPER M. A. & NIELSEN S.* Decreased aquaporin-2 expression of rat kidney collecting duct in acquired diabetes insipidus is not a consequence of polyuria or medullary osmotic washout **497.P**, 91*P*, 1996

MÁRQUEZ J. J. *see* BALD C., MÁRQUEZ J. J. & MARTÍNEZ J. A. **493.P**, 133*S*, 1996

MARSDEN C. D. *see* PLATZ T., BROWN R. G. & MARSDEN C. D. **493.P**, 37*P*, 1996

MARSHALL J. L.
*MARSHALL J. L. & JOHNS E. J.* Effect of L-NAME on renal vasoconstriction elicited by intrarenal ET-1, ET-3 and sarafotoxin 6c in the anaesthetized rat **493.P**, 71*P*, 1996

MARSHALL J. M. *see* BRYAN P. T. & MARSHALL J. M. **491.P**, 6*P*, 1996
*see* BARTLETT I. S. & MARSHALL J. M. **491.P**, 24*P*, 1996
*see* LOUWERSE A.-M. & MARSHALL J. M. **494.P**, 103*P*, 1996
*see* CONEY A. & MARSHALL J. M. **494.P**, 105*P*, 1996
*see* BRYAN P. T. & MARSHALL J. M. **494.P**, 106*P*, 1996
*MARSHALL J. M.* Peripheral chemoreceptors and cardiovascular-respiratory integration **494.P**, 14*S*, 1996
*see* CLARKE J. A., DALY M. DE B., MARSHALL J. M. & EAD H. W. **495.P**, 29*P*, 1996
*see* MOHAN J. S., MARSHALL J. M., SERJEANT G. R. & REID H. **497.P**, 70*P*, 1996
*see* BRYAN P. T. & MARSHALL J. M. **497.P**, 79*P*, 1996
*see* CONEY A. & MARSHALL J. M. **497.P**, 80*P*, 1996

MARSHALL L. J. *see* BANNER S. J., MARSHALL L. J., MUIMO R. & MEHTA A. **493.P**, 72*P*, 1996
*MARSHALL L. J., MUIMO R. & MEHTA A.* Sodium-dependent phosphorylation in human nasal respiratory epithelium *in vitro* **493.P**, 93*P*, 1996

MARSHALL R. W. *see* SITHERS A. J., MARSHALL R. W. & SPRIGGS T. L. B. **493.P**, 12*P*, 1996

MARSH S. J. *see* STANSFELD C. E., RÖPER J., LUDWIG J., WESELOH R. M., MARSH S. J., BROWN D. A. & PONGS O. **491.P**, 89*P*, 1996
*see* BROWN D. A., MARSH S. J., TROUSLARD J., LEANEY J., DUFFY S. M. & SELYANKO A. A. **493.P**, 28*S*, 1996

MARTENS G. J. M.
*MARTENS G. J. M., BRAKS J. A. M., VAN HORSSEN A. M., BROERS C. A. M. & KUIPER R. P.* The neuroendocrine chaperone 7B2 assists transport of prohormone convertase PC2 through the secretory pathway **494.P**, 6*S*, 1996

MARTIN F.
*MARTIN F., RIBAS J. & SORIA B.* Cytosolic gradients of intracellular calcium in pancreatic $\beta$-cells **493.P**, 153*S*, 1996
*see* PERTUSA J. G., MARTIN F. & SORIA B. **493.P**, 156*S*, 1996

MARTÍN F. *see* SORIA B., ANDREU E., SANCHEZ-ANDRÉS J. V., MONTAÑA E. & MARTÍN F. **494.P**, 142*P*, 1996

MARTIN F. C. *see* PHILLIPS S. K., LEVY D., YEO A., WOLEDGE R. C., BRUCE S. A., MARTIN F. C. & YOUNG A. **494.P**, 134*P*, 1996

MARTÍN J. *see* NICOLAU M. C., GAMUNDI A., MARTÍN J., ROSSELLÓ C., BARJAU I. & RIAL R. **493.P**, 17*S*, 1996

MARTÍN J. A. *see* BLANCO M. D., MARTÍN J. A., GARCÍA O., LOZANO M. & TEIJÓN J. M. **493.P**, 141*S*, 1996
*see* LOZANO M., MARTÍN J. A., TRIGO R. M., GÓMEZ C. & HUERTA P. **493.P**, 141*S*, 1996

MARTIN K. A. C. *see* AHMED B., ANDERSON J. C., DOUGLAS R. J., MARTIN K. A. C. & NELSON J. C. **494.P**, 15*P*, 1996
*see* AHMED B., ANDERSON J. C., DOUGLAS R. J., MARTIN K. A. C. & NELSON J. C. **495.P**, 61*P*, 1996

MARTÍN M. *see* GONZÁLEZ-QUIJANO M. I., MARTÍN M., MILLÁN S., SANCHO M. J. & LÓPEZ-CALDERÓN A. **493.P**, 52*S*, 1996
*see* GARCÍA-MORENO C., SAN ROMÁN J. I., MARTÍN M., GARCÍA-TALAVERA J. R., CALVO J. J. & DEL PINO J. **493.P**, 137*S*, 1996
*see* GARCÍA-MORENO C., SAN ROMÁN J. I., MARTÍN M., GARCÍA-TALAVERA J. R., CALVO J. J. & DEL PINO J. **493.P**, 138*S*, 1996

MARTÍN M. A. *see* AGOTE M., ESCRIVÁ F., GOYA L., ÁLVAREZ C., MARTÍN M. A. & PASCUAL-LEONE A. M. **493.P**, 135*S*, 1996

MARTÍN M.L. *see* VELASCO C., MORÁN A., FERNÁNDEZ M. M., PRIETO P., MARTÍN M. L. & SAN ROMÁN L. **493.P**, 75*S*, 1996

*see* MORÁN A., VELASCO C., PRIETO P., MARTÍN M. L. & SAN ROMÁN L. **493.P**, 86*S*, 1996

MARTIN R.J.

*see* HILL P. B., MARTIN R. J. & MILLER H. R. P. **491.P**, 90*P*, 1996

MARTIN R. J. & VALKANOV M. A. The Kostyuk technique for recording currents from isolated muscle bags of *Ascaris suum* **491.P**, 105*P*, 1996

*see* MURRAY I. A. & MARTIN R. J. **495.P**, 33*P*, 1996

*see* ROBERTSON A. P., MARTIN R. J. & KUSEL J. R. **495.P**, 33*P*, 1996

*see* ROBERTSON A. P., BJORN H., SANGSTER N. C. & MARTIN R. J. **495.P**, 83*P*, 1996

*see* HILL P. B., MARTIN R. J. & MILLER H. R. P. **495.P**, 84*P*, 1996

MARTÍN CALDERÓN J.L. *see* VILLANÚA M. A., MUÑOZ R. M., RODRÍGUEZ DE FONSECA F., MARTÍN CALDERÓN J. L. & NAVARRO M. **493.P**, 120*S*, 1996

MARTINEZ-A C. *see* GONZALO J. A., VON KOBBE C., MELLADO M., FRADE J. M. R., KREMER L., MAZUCHELLI R., CARRERA A. C., MERIDA I. & MARTINEZ-A C. **493.P**, 44*S*, 1996

MARTÍNEZ C.

MARTÍNEZ C., NOVELLA S., BENEDITO S. & GARCÍA-SACRISTÁN A. Species differences in penile dorsal arteries responses to histamine in horse and rabbit **493.P**, 74*S*, 1996

MARTÍNEZ C., NOVELLA S., GARCÍA-SACRISTÁN A., RAPOSO R. & BENEDITO S. Influence of endothelium on the effects caused by histamine in horse isolated penile dorsal artery **493.P**, 74*S*, 1996

MARTINEZ I.M. *see* TORMO M. A., ROPERO M. F., MARTINEZ I. M., NIETO M. & CAMPILLO J. E. **493.P**, 123*S*, 1996

*see* CAMPILLO J. E., ROPERO M. F., MARTINEZ I. M., NIETO M. & TORMO M. A. **493.P**, 133*S*, 1996

MARTÍNEZ J.A. *see* ZULET M. A., DÍEZ A., BARBER A., FERNÁNDEZ-OTERO M. P. & MARTÍNEZ J. A. **493.P**, 102*S*, 1996

*see* BALD C., MÁRQUEZ J. J. & MARTÍNEZ J. A. **493.P**, 133*S*, 1996

MARTINEZ J.R.

MARTINEZ J. R., ZHANG G. H., WILLIS S. & WELLS J. Evidence for an acidic $Ca^{2+}$ pool associated with secretory granules in rat submandibular acinar cells **495.P**, 122*P*, 1996

MARTÍNEZ M.C. *see* MEDINA P., MARTÍNEZ M. C., VILA J. M., ALDASORO M., CHUAN P. & LLUCH S. **493.P**, 118*S*, 1996

*see* NOGUERA I., MEDINA P., SEGARRA G., MARTÍNEZ M. C., ALDASORO M., VILA J. M. & LLUCH S. **493.P**, 70*S*, 1996

*see* MEDINA P., VIÑALS I., ROIG S., ALDASORO M., MARTÍNEZ M. C., LEÓN J. M. & LLUCH S. **493.P**, 78*S*, 1996

MARTÍNEZ R. *see* DEL ARCO A., MARTÍNEZ R. & MORA F. **493.P**, 18*S*, 1996

MARTÍNEZ R., DEL ARCO A. & MORA F. Amphetamine increases the extracellular concentrations of glutamate and taurine in striatum of the conscious rat: studies on $Ca^{2+}$, $Na^{+}$, and glutamate transporter mechanisms **493.P**, 19*S*, 1996

MARTÍNEZ S. *see* LÓPEZ-LUNA P., IGLESIAS M. A., MARTÍNEZ S., MUÑOZ C. & HERRERA E. **493.P**, 139*S*, 1996

MARTÍNEZ-BALLARÍN E. *see* PIÉ J., ROSERO I., GARCÍA J. J., PIÉ A. JR, JUSTE M. G., MARTÍNEZ-BALLARÍN E., GROS P. & HERRERA E. **493.P**, 120*S*, 1996

MARTÍNEZ-BLASCO A.

MARTÍNEZ-BLASCO A., HERMENEGILDO C., BOSCH-MORELL F. & ROMERO F. J. Role of oxidative stress in experimentally induced diabetic neuropathy: mechanisms involved **493.P**, 104*S*, 1996

MARTINEZ-GALAN J.R.

MARTINEZ-GALAN J. R., ALTIMIRAS M. S., PEDRAZA P., DEL REY F. E., MORREALE DE ESCOBAR G. & RUIZ-MARCOS A. Low iodine diets (LID) affect the development of myelin basic protein at the level of the striatum (st) in the rat **493.P**, 126*S*, 1996

MARTINEZ-MURILLO R. *see* RODRIGO J. & MARTINEZ-MURILLO R. **493.P**, 34*S*, 1996

MARTÍNEZ-SALGADO C. *see* RIVAS-CABAÑERO L., RODRÍGUEZ-LÓPEZ A. M., MARTÍNEZ-SALGADO C. & LÓPEZ-NOVOA J. M. **493.P**, 164*S*, 1996

MARTÍNEZ-SALGADO C., RODRÍGUEZ-BARBERO A., MACLAUGHLIN M. & LÓPEZ-NOVOA J. M. Gentamicin induces rat mesangial cell activation. A role for calcium **493.P**, 86*S*, 1996

*see* GALLEGO-OVIEDO M. B., MARTÍNEZ-SALGADO C., VALDIVIELSO J. M., RODRÍGUEZ-BARBERO A., GARCÍA-BASTOS J. L., ARÉVALO M. & LÓPEZ-NOVOA J. M. **493.P**, 88*S*, 1996

MARTÍN-LÓPEZ M. *see* MANZANEQUE J. M., MARTÍN-LÓPEZ M. & NAVARRO J. F. **493.P**, 15*S*, 1996

MARTÍN-VASALLO P.

MARTÍN-VASALLO P., LECUONA E., ALONSO T. & AVILA J. The $Na^{+}$,$K^{+}$-ATPase of the vascular smooth muscle **493.P**, 64*S*, 1996

MARY D.A.S.G. *see* VACCA G., BATTAGLIA A., GROSSINI E., MARY D. A. S. G., MOLINARI C. & SURICO N. **497.P**, 17*P*, 1996

MASKILL D.W. *see* ELLAWAY P. H., RAWLINSON S. R., LEWIS H. S., DAVEY N. J. & MASKILL D. W. **493.P**, 36*P*, 1996

*see* SMITH H. C., DAVEY N. J., MASKILL D. W., SAVIC G. & ELLAWAY P. H. **497.P**, 104*P*, 1996

MASON H.S.

MASON H. S., SYME C. A., MACDONALD A. G. & WAHLE K. W. The effect of fatty acids on the BK channel of bovine chromaffin cells **495.P**, 74*P*, 1996

MASON N.P. *see* BARRY P. B., MASON N. P., NICKOL A., DATTA A., MILLEDGE J. S., WOLFF C. B. & COLLIER D. J. **497.P**, 29*P*, 1996

MASON R.

MASON R., CUTLER D. J., BRACKLEY P. T. H. & RUSAK B. Pharmacological characterization of *N*-methyl-D-aspartate receptor (NMDAR)-mediated responses in the rodent suprachiasmatic nuclei (SCN) *in vitro* **495.P**, 48*P*, 1996

*see* CUTLER D. J. & MASON R. **497.P**, 2*P*, 1996

MASON W. *see* PARKINSON N. A., MASON W. & BOLSOVER S. **495.P**, 65*P*, 1996

MASON W.D. *see* GROLLEAU F., LAPIED B., BUCKINGHAM S. D., MASON W. D. & SATTELLE D. B. **491.P**, 107*P*, 1996

MASON W.T. *see* FREESTONE N. & MASON W. T. **494.P**, 115*P*, 1996

MASSON M.R. *see* MACDONALD A. G. & MASSON M. R. **495.P**, 73*P*, 1996

MATEOS J.C. *see* RAMÍREZ P., MATEOS J. C., CARRIÓN N., BELLIDO J. & SERRA R. **493.P**, 32*S*, 1996

MATHIAS C.J. *see* PUVI-RAJASINGHAM S., KIMBER J., AKINOLA A., MAGNIFICO F., WATSON L. P. & MATHIAS C. J. **494.P**, 96*P*, 1996

*see* KIMBER J., WATSON L. & MATHIAS C. J. **494.P**, 138*P*, 1996

*see* VON DER THÜSEN J. H., SMITH G. D. P., BLEASEDALE-BARR K. & MATHIAS C. J. **495.P**, 129*P*, 1996

MATHIE A. *see* MERCER E. A. J., BRYDGES R. L., MATHIE A., ABBOTT G. W. & SRAI S. K. S. **491.P**, 102*P*, 1996

*see* AMOS B. J., MATHIE A. & RICHARDS C. D. **491.P**, 136*P*, 1996

*see* WATKINS C. S., AMOS B. J. & MATHIE A. **495.P**, 66*P*, 1996

MATHIESEN C. *see* VIGNES M., MATHIESEN C. & COLLINGRIDGE G. L. **495.P**, 44*P*, 1996

MATHISON Y.

MATHISON Y., ROA E., MENDIBLE A., GÓMEZ N., WILLIAMS P., VARGAS E. & MENESES P. Pharmacological intervention in hyperlipidaemic children: use of L-carnitine **493.P**, 138*S*, 1996

MATHISON Y., ACUÑA Y., CAMPOS H. & ISRAEL A. Role of histamine $H_3$ receptor on the cardiovascular response to footshock **493.P**, 83*S*, 1996

MATIASH V. *see* KIRISCHUK S., MATIASH V., KULICK A. & VERKHRATSKY A. **493.P**, 47*P*, 1996

MATSUDA K. *see* HOSIE A. M., MATSUDA K. & SATTELLE D. B. **495.P**, 40*P*, 1996

MATSUDA K., BAYLIS H. A., SQUIRE M. D. & SATTELLE D. B. Functional co-expression of a newly cloned, non-α, nicotinic acetylcholine receptor subunit ACR-3 of *Caenorhabditis elegans* **495.P**, 40*P*, 1996

MATSUYAMA K. *see* FORD T. W., DONGA R., MATSUYAMA K., MORI S., NAKAJIMA K. & KIRKWOOD P. A. **494.P**, 70*P*, 1996

MATTESON D.R. *see* GONZALEZ-SERRATOS H., CORDOBA-RODRIGUEZ R., MATTESON D. R. & ROZYCKA M. **494.P**, 133*P*, 1996

MATTHEWS B. *see* ANDREW D. & MATTHEWS B. **491.P**, 27*P*, 1996

*see* ISHIHATA H. & MATTHEWS B. **493.P**, 5*P*, 1996

*see* AMESS T. R. & MATTHEWS B. **493.P**, 6*P*, 1996

*see* ANDREW D., MATTHEWS B. & COATES T. W. **493.P**, 6*P*, 1996

MATTHEWS C.J. *see* CRITCHLEY H. P., MATTHEWS C. J. & HIRST B. H. **493.P**, 85*P*, 1996

MATTHEWS H.R. MATTHEWS H. R. A high resistance adjustable flow restrictor for superfusion of isolated cells at low rates of solution flow **494.P**, 4*P*, 1996

*see* REISERT J. & MATTHEWS H. R. **494.P**, 14*P*, 1996

MATTHEWS H. R. Dynamic actions of $Ca_i^{2+}$ 'early' in transduction in the adaptation of rods isolated from the tiger salamander **494.P**, 15*P*, 1996

MATTHEWS H. R. A recording chamber allowing continuous superfusion and unobstructed access for simultaneous electrophysiological and optical recordings from isolated photoreceptors **495.P**, 3*P*, 1996

MATTHEWS H. R., CORNWALL M. C. & FAIN G. L. Simultaneous measurement of $Ca_i^{2+}$ and photocurrent from rod and cone photoreceptors isolated from the tiger salamander **495.P**, 178*P*, 1996

MATTISON R.J.

*MATTISON R. J., THOMSON D., BARRY J. A. & RIBCHESTER R. R.* Sudden death of axotomized motor nerve terminals at neuromuscular junctions in $Wld^s$ mice **495.P**, 152*P*, 1996

*see RIBCHESTER R. R., BARRY J. A. & MATTISON R. J.* **495.P**, 5*S*, 1996

MAUGHAN R.J. *see PITSILADIS Y. P. & MAUGHAN R. J.* **491.P**, 61*P*, 1996

*see SHIRREFFS S. M. & MAUGHAN R. J.* **491.P**, 64*P*, 1996

*see SHIRREFFS S. M. & MAUGHAN R. J.* **495.P**, 12*P*, 1996

*see LEIPER J. B., BROUNS F. & MAUGHAN R. J.* **495.P**, 128*P*, 1996

*see GALLOWAY S. D. R. & MAUGHAN R. J.* **495.P**, 134*P*, 1996

*see PITSILADIS Y. P., DAVIDSON I. & MAUGHAN R. J.* **495.P**, 134*P*, 1996

*see STRACHAN A. T. & MAUGHAN R. J.* **495.P**, 143*P*, 1996

MAXWELL S.R.J. *see JAKEMAN P. M. & MAXWELL S. R. J.* **495.P**, 144*P*, 1996

MAY M.J.

*MAY M. J., WHEELER-JONES C. P. D. & PEARSON J. D.* Activation of p42-MAP kinase by interleukin-1$\alpha$ in human umbilical vein endothelial cells **491.P**, 13*P*, 1996

MAYHEW T.M. *see PAGE K. R., BUSH P. G., MAYHEW T. M., ABRAMOVICH D. R., AGGETT P. J. & BURKE M. D.* **494.P**, 39*P*, 1996

MAYNAR M. *see MENA P., GÓMEZ M. M. G., MAYNAR M. & CAMPILLO J. E.* **493.P**, 106*S*, 1996

MAYS J.L.

*MAYS J. L., SALMON A. H. J., DALTON G. R., EVANS S. J., JONES J. V. & LEVI A. J.* The effect of streptomycin on ventricular arrhythmias induced by an increase of wall stress in the isolated working rat heart preparation **493.P**, 28*P*, 1996

MAYSTON M.J. *see KING M., MAYSTON M. J., HARRISON L. M. & STEPHENS J. A.* **491.P**, 178*P*, 1996

*MAYSTON M. J., HARRISON L. M. & STEPHENS J. A.* Co-contraction of antagonistic muscles during development and in children with cerebral palsy **494.P**, 67*P*, 1996

MAZUCHELLI R. *see GONZALO J. A., VON KOBBE C., MELLADO M., FRADE J. M. R., KREMER L., MAZUCHELLI R., CARRERA A. C., MERIDA I. & MARTINEZ-A C.* **493.P**, 44*S*, 1996

MEDDLE S.L.

*MEDDLE S. L., ONAKA T. & LENG G.* Fluorescent latex microsphere microinjection for retrograde labelling in conjunction with double immunolabelling to identify activated neurones projecting to discrete brain regions during parturition in the rat **495.P**, 4*P*, 1996

MEDINA I. *see FILIPPOVA N., MEDINA I., BAKHRAMOV A. & BREGESTOVSKI P.* **491.P**, 135*P*, 1996

MEDINA J.I. *see PRADA F. A., QUESADA A., MEDINA J. I., LÓPEZ-GALLARDO M. & PRADA C.* **493.P**, 20*S*, 1996

MEDINA P. *see NOGUERA I., MEDINA P., SEGARRA G., MARTÍNEZ M. C., ALDASORO M., VILA J. M. & LLUCH S.* **493.P**, 70*S*, 1996

*MEDINA P., VIÑALS I., ROIG S., ALDASORO M., MARTÍNEZ M. C., LEÓN J. M. & LLUCH S.* Endothelium-dependent dilatation of human saphenous vein induced by vasopressin **493.P**, 78*S*, 1996

*see SEGARRA G., MEDINA P., NOGUERA I., ALDASORO M., VILA J. M., FLOR B. & LLUCH S.* **493.P**, 79*S*, 1996

*see ROIG S., VIÑALS I., ALDASORO M., MEDINA P., VILA J. M., OTERO E. & LLUCH S.* **493.P**, 79*S*, 1996

*MEDINA P., MARTÍNEZ M. C., VILA J. M., ALDASORO M., CHUAN P. & LLUCH S.* Inhibitory effect of epithelium in the response of human vas deferens to electrical stimulation **493.P**, 118*S*, 1996

MEDINA S. *see DEL RIO M., MEDINA S. & DE LA FUENTE M.* **493.P**, 50*S*, 1996

*see DE LA FUENTE M., DEL RIO M., FERRANDEZ M. D., MEDINA S. & HERNANZ A.* **493.P**, 61*S*, 1996

MEDVEDEV S.V. *see VOROBYEV V. A., MEDVEDEV S. V., PAKHOMOV S. V., ROKHLIN A. S., ROUDAS M. S. & KOROTKOV A. D.* **491.P**, 179*P*, 1996

MEGGIATO C. *see PADOIN E., MEGGIATO C. & DONI M. G.* **494.P**, 127*P*, 1996

MEHTA A. *see BANNER S. J., MARSHALL L. J., MUIMO R. & MEHTA A.* **493.P**, 72*P*, 1996

*see MARSHALL L. J., MUIMO R. & MEHTA A.* **493.P**, 93*P*, 1996

MEHTA D. *see JEREMY J. Y., DASHWOOD M. R., TIMM M., IZZAT M. B., MEHTA D., BRYAN A. J. & ANGELINI G. D.* **491.P**, 17*P*, 1996

MEKJAVIC I.B. *see TIPTON M. J., FRANKS C. M., MENEILLY G. S. & MEKJAVIC I. B.* **491.P**, 57*P*, 1996

MELIN P. *see OPSTAD K., BULL P., LENG G., MELIN P. & RUSSELL J. A.* **495.P**, 14*P*, 1996

MELLADO M. *see GONZALO J. A., VON KOBBE C., MELLADO M., FRADE J. M. R., KREMER L., MAZUCHELLI R., CARRERA A. C., MERIDA I. & MARTINEZ-A C.* **493.P**, 44*S*, 1996

MELLADO-FERNÁNDEZ M.L.

*MELLADO-FERNÁNDEZ M. L., GIBERT-RAHOLA J. & MICÓ J. A.* Neuropeptide Y potentiates opioid analgesia in mice **493.P**, 22*S*, 1996

MELLERIO J. *see MILLAR J., MELLERIO J., BARNETT T. G. & KHAN S.* **494.P**, 5*P*, 1996

MELLSTRÖM B. *see TAYLOR J. S., CARRIÓN A. M., MELLSTRÖM B. & NARANJO J. R.* **491.P**, 17*S*, 1996

MENA P. *see ORTIZ A., CORDERO R., GÓMEZ M. M. G., HERNÁNDEZ R. & MENA P.* **493.P**, 105*S*, 1996

*see ORTIZ A., CORDERO R., GÓMEZ M. M. G., HERNÁNDEZ R. & MENA P.* **493.P**, 105*S*, 1996

*MENA P., GÓMEZ M. M. G., MAYNAR M. & CAMPILLO J. E.* Plasma lipid changes in professional cyclists **493.P**, 106*S*, 1996

MENDES RIBEIRO A.C. *see HANSSEN H., MENDES RIBEIRO A. C., CONWAY M., MANN G. E. & ELLORY J. C.* **494.P**, 112*P*, 1996

MENDIBLE A. *see MATHISON Y., ROA E., MENDIBLE A., GÓMEZ N., WILLIAMS P., VARGAS E. & MENESES P.* **493.P**, 138*S*, 1996

MENEILLY G.S. *see TIPTON M. J., FRANKS C. M., MENEILLY G. S. & MEKJAVIC I. B.* **491.P**, 57*P*, 1996

MENESES P. *see MATHISON Y., ROA E., MENDIBLE A., GÓMEZ N., WILLIAMS P., VARGAS E. & MENESES P.* **493.P**, 138*S*, 1996

MENINI A.

*MENINI A., PICCO C. & GAVAZZO P.* Electrical properties of the native cGMP-activated channel from retinal rods of the salamander **491.P**, 10*S*, 1996

MENON R.A. *see ROLFE V., MENON R. A., BOOTH P. A. C., LINDLEY K. J. & MILLA P. J.* **493.P**, 76*P*, 1996

MENSAH-BROWN E. *see DIB R., GARNER A., MENSAH-BROWN E., BROADBENT K. & SIM A. J. W.* **493.P**, 78*P*, 1996

MENTIS G.

*MENTIS G., DÍAZ E., MORAN L. & NAVARRETE R.* Increased incidence of electrotonic and dye coupling between motoneurones after neonatal nerve injury in the rat: an *in vitro* study **494.P**, 87*P*, 1996

MERCER E.A.J.

*MERCER E. A. J., BRYDGES R. L., MATHIE A., ABBOTT G. W. & SRAI S. K. S.* Expression, localization and electrophysiological studies of minimal potassium channel protein (minK) in Sf21 insect cells **491.P**, 102*P*, 1996

MERCER J.G.

*MERCER J. G., HOGGARD N., LAWRENCE C. B., RAYNER D. V. & TRAYHURN P.* Localization of leptin receptor (OB-R) gene expression in mouse brain by *in situ* hybridization **495.P**, 113*P*, 1996

MEREDITH D.

*MEREDITH D., TEMPLE C. S. & BOYD C. A. R.* Chemical evidence for the involvement of histidine residues in proton–peptide co-transport by PepT1 expressed in *Xenopus laevis* oocytes **493.P**, 65*P*, 1996

*MEREDITH D. & BOYD C. A. R.* $His_{57}$ is an essential residue for the transport of the anionic dipeptide D-Phe-L-Glu by PepT1 expressed in *Xenopus laevis* cytes **497.P**, 89*P*, 1996

MERIDA I. *see GONZALO J. A., VON KOBBE C., MELLADO M., FRADE J. M. R., KREMER L., MAZUCHELLI R., CARRERA A. C., MERIDA I. & MARTINEZ-A C.* **493.P**, 44*S*, 1996

MERINO C. *see RAYA Á., MONTOYA J., MERINO C., GARCÍA-COVISA N. L., HERNÁNDEZ V., ROMERO F. J. & ROMÁ J.* **493.P**, 31*S*, 1996

MÉSZÁROS J.

*MÉSZÁROS J., BRYANT S.M., RYDER K.O. & HART G.* Arrhythmogenic transient inward current is increased in isolated left ventricular myocytes from rats with catecholamine-induced cardiac hypertrophy **491.P**, 156*P*, 1996

MÉTIOUI M.

*MÉTIOUI M., CHAIB N., LACHISH M., ALZOLA E. & DEHAYE J. P.* Coupling of a P2Z purinoceptor to cationic permeability in dispersed rat submandibular cells **493.P**, 68*P*, 1996

MEYER B.-U.

*MEYER B.-U. & ROERICHT S.* Callosally and corticospinally mediated motor responses induced by transcranial magnetic stimulation in man originate from the same motor cortex region **491.P**, 119*P*, 1996

*MEYER B.-U., KUEHN A. & ROERICHT S.* Influence of the direction of induced currents on callosally and corticospinally mediated electromyographic responses following magnetic motor cortex stimulation in man **497.P**, 34*P*, 1996

MEYER R.

*MEYER R. & LINZ K. W.* Characterization of the L-type calcium current during action potential of isolated guinea-pig ventricular myocytes **493.P**, 26*P*, 1996

MIAN R. *see* FERGUSON R. A., BROWN M. D., MIAN R. & GARNHAM A. **491.P**, 81*P*, 1996

MICHAEL A.E. *see* SEWELL K. J., SHIRLEY D. G., MICHAEL A. E., THOMPSON A., NORGATE D. P. & UNWIN R. J. **497.P**, 90*P*, 1996

MICHAEL G.J. *see* BATTEN T. F. C., MCWILLIAM P. N., MAQBOOL A., MICHAEL G. J. & PRIESTLEY J. V. **497.P**, 107*P*, 1996

MICHEL C.C. *see* WANG W. & MICHEL C. C. **491.P**, 25*P*, 1996

*see* NEAL C. R. & MICHEL C. C. **491.P**, 26*P*, 1996

MICHELENA P. *see* LOMAX R. B., MONTIEL C., MICHELENA P., NUÑEZ L., GARCÍA-SANCHO J. & GARCÍA A. G. **493.P**, 60*P*, 1996

MICÓ J.A. *see* TEJEDOR-REAL P., MICÓ J. A., MALDONADO R., ROQUES B. P. & GIBERT-RAHOLA J. **493.P**, 16*S*, 1996

*see* MELLADO-FERNÁNDEZ M. L., GIBERT-RAHOLA J. & MICÓ J. A. **493.P**, 22*S*, 1996

MIDDLETON R.B.

MIDDLETON R. B., ANDERSON G. A. & MCARDLE H. J. Expression of intracellular copper ATPases in choriocarcinoma (BeWo) cells **494.P**, 41*P*, 1996

MIGUEZ J.M.

MIGUEZ J. M., SIMONNEAUX V. & PÉVET P. Effects of melatonin on serotonin secretion from rat pineal glands **493.P**, 125*S*, 1996

MIJARES A.

MIJARES A., PEINEAU N., MALÉCOT C. O. & ARGIBAY J. Effects of *in vivo* and *in vitro* applications of cyclosporin A on L-type calcium currents in cardiomyocytes isolated from guinea-pigs **494.P**, 113*P*, 1996

MIKHAILIDIS D.P. *see* JEREMY J. Y., SULLIVAN M., THOMPSON C. S., MIKHAILIDIS D. P., MORGAN R. J. & ANGELINI G. D. **493.P**, 21*P*, 1996

*see* SULLIVAN M. E., THOMPSON C. S., MUDDLE J. R., MIKHAILIDIS D. P., MORGAN R. J. & DASHWOOD M. R. **494.P**, 130*P*, 1996

MILEY H. *see* BEST L., SHEADER E. A., MILEY H. & BROWN P. D. **495.P**, 82*P*, 1996

MILEY H.E. *see* DOUGLAS I. J., MILEY H. E., SHEADER E. A. & TAYLOR T. R. **493.P**, 56*P*, 1996

*see* SHEADER E. A., MILEY H. E., BEST L. & BROWN P. D. **495.P**, 82*P*, 1996

MILL J.G. *see* BUXTON N., OVEREND C. L., MILL J. G., COOK L. J., COOK S. J., O'NEILL S. C. & EISNER D. A. **495.P**, 86*P*, 1996

*see* OVEREND C. L., MILL J. G., COOK L. J., COOK S. J., EISNER D. A. & O'NEILL S. C. **497.P**, 47*P*, 1996

MILLA P.J. *see* ROLFE V., MENON R. A., BOOTH P. A. C., LINDLEY K. J. & MILLA P. J. **493.P**, 76*P*, 1996

MILLÁN A. *see* VIÑA J., DE LA ASUNCIÓN J. G., MILLÁN A., BRUSEGHINI L., PALLARDÓ F. V. & SASTRE J. **491.P**, 44*P*, 1996

*see* VIÑA J., PALLARDÓ F. V., SASTRE J., ASENSI M., DE LA ASUNCIÓN J. G. & MILLÁN A. **493.P**, 57*S*, 1996

MILLÁN S.

MILLÁN S., GONZÁLEZ-QUIJANO M. I., SOTO L. & LÓPEZ-CALDERÓN A. Effect of the α-adrenergic receptor antagonist on the *in vitro* reactivity of peripheral blood T-lymphocyte in chronically stressed rats **493.P**, 51*S*, 1996

*see* GONZÁLEZ-QUIJANO M. I., MARTÍN M., MILLÁN S., SANCHO M. J. & LÓPEZ-CALDERÓN A. **493.P**, 52*S*, 1996

MILLAR J.

MILLAR J., MELLERIO J., BARNETT T. G. & KHAN S. The Biodyne: a simple EMG/ECG amplifier suitable for class use **494.P**, 5*P*, 1996

MILLAR N. *see* FOLKES D., MILLAR N. & IRVING M. **491.P**, 123*P*, 1996

MILLARD C.E. *see* WELLER A. S., MILLARD C. E., GREENHAFF P. L. & MACDONALD I. A. **495.P**, 135*P*, 1996

MILLEDGE J.S. *see* BARRY P. B., MASON N. P., NICKOL A., DATTA A., MILLEDGE J. S., WOLFF C. B. & COLLIER D. J. **497.P**, 29*P*, 1996

*see* COLLIER D. J., NATHAN J., FLOWER R. J., WOLFF C. B., MILLEDGE J. S. & SWENSON E. R. **497.P**, 30*P*, 1996

MILLER A.J. *see* LUHESHI G. N., MILLER A. J., HOPKINS S. J. & ROTHWELL N. J. **493.P**, 102*P*, 1996

MILLER A. J., LUHESHI G. N., HOPKINS S. J. & ROTHWELL N. J. Relationship between fever and local and circulating IL-1 and TNF production in response to subcutaneous injection of LPS into an air pouch in the rat **493.P**, 102*P*, 1996

MILLER B.A.

MILLER B. A., MADHAVAN B. & WOOLF C. J. Effects of low-frequency, repetitive stimulation of small-calibre primary afferents on the time course of fast glutamate-mediated synaptic currents recorded from rat deep dorsal horn neurones *in vitro* **494.P**, 44*P*, 1996

MILLER D.J. *see* O'DOWD A. & MILLER D. J. **497.P**, 52*P*, 1996

MILLER H.R.P. *see* HILL P. B., MARTIN R. J. & MILLER H. R. P. **491.P**, 90*P*, 1996

*see* HILL P. B., MARTIN R. J. & MILLER H. R. P. **495.P**, 84*P*, 1996

MILLER I. *see* RICHARDSON H. C., MAHON M., CUNNINGHAM M. & MILLER I. **495.P**, 8*P*, 1996

MILLER S. *see* MCCLELLAND V. M., MILLER S. & EYRE J. A. **494.P**, 22*P*, 1996

*see* SAWEIRS M., EYRE J. A. & MILLER S. **494.P**, 22*P*, 1996

MILLS E. *see* MOJET M. H., MILLS E. & DUCHEN M. R. **494.P**, 80*P*, 1996

MIN M.-Y.

MIN M.-Y. & APPENTENG K. Prolonged potentiation of evoked EPSP (eEPSP) amplitude in rat trigeminal motoneurones following application and washout of a $GABA_B$ receptor antagonist *in vitro* **494.P**, 71*P*, 1996

MIN M.-Y. & APPENTENG K. Quantal analysis of evoked EPSPs (eEPSPs) in rat trigeminal motoneurones *in vitro* **495.P**, 66*P*, 1996

MIQUEL J. *see* DE LA FUENTE M., RUEDAS G., DEL RIO M., FERRANDEZ M. D., HERNANZ A. & MIQUEL J. **493.P**, 140*S*, 1996

MIRALLES J.-M. *see* SÁNCHEZ-MARTÍN M.-M., MIRALLES J.-M. & CABEZAS J. A. **493.P**, 60*S*, 1996

MIRANDA F.J.

MIRANDA F. J., SALOM J. B., BARBERÁ M. D., ORTÍ M. & ALBORCH E. Modulatory action of nitric oxide (NO) on cerebroarterial responses in subarachnoid haemorrhage (SAH) **493.P**, 38*S*, 1996

MIRAS-PORTUGAL M.T. *see* PINTOR J., KING B. F., WANG S., ZIGANSHIN A. U., ZIGANSHINA L. E., MIRAS-PORTUGAL M. T. & BURNSTOCK G. **493.P**, 153*S*, 1996

MIRSKY R. *see* TABERNERO A., STEWART H. J. S., BRADKE F., JESSEN K. R. & MIRSKY R. **493.P**, 162*S*, 1996

MISHMAST-NEHI G.

MISHMAST-NEHI G. & WINLOW W. Unorthodox effects of a cholinergic agonist and antagonist on respiratory neurones of *Lymnaea stagnalis* **495.P**, 36*P*, 1996

MISTRY D.K.

MISTRY D. K. & GARLAND C. J. Decreases in outward current in isolated smooth muscle cells from rabbit mesenteric arteries by the $\alpha_1$-adrenergic agonist phenylephrine **493.P**, 20*P*, 1996

MITCHELL G.S. *see* TURNER D. L. & MITCHELL G. S. **494.P**, 98*P*, 1996

*see* TURNER D. L. & MITCHELL G. S. **497.P**, 29*P*, 1996

MIWA A. *see* OKADA Y., TOMINAGA M., MIWA A., TOMINAGA T. & UEDA K. **493.P**, 5*S*, 1996

*see* SABIROV R. Z., TOMINAGA T., MIWA A., OKADA Y. & OIKI S. **493.P**, 103*P*, 1996

MIZUNO M. *see* RATKEVICIUS A., RICO-SANZ J., MIZUNO M. & QUISTORFF B. **491.P**, 72*P*, 1996

MOBASHERI A.

MOBASHERI A., SHACKLETON S., HARRIS A., HALL A. C. & URBAN J. P. G. Molecular characterization of the $Na^+,K^+$-ATPase in isolated bovine articular chondrocytes; evidence for multiple catalytic isoforms **491.P**, 96*P*, 1996

*see* BASAVAPPA S., MOBASHERI A. & ELLORY J. C. **491.P**, 150*P*, 1996

MOBASHERI A., URBAN J. P. G. & HALL A. C. $\beta_3$ is the predominant regulatory isoform of the $Na^+,K^+$-ATPase in isolated bovine articular chondrocytes **493.P**, 104*P*, 1996

MOBASHERI A., GOLDING S., POCOCK A. E., ELLORY J. C., HALL A. C., URBAN J. P. G. & FRANCIS M. J. O. Expression of the neuronal $\alpha_3$ and $\beta_2$ isoforms of the $Na^+,K^+$-ATPase in primary human bone-derived osteoblasts **494.P**, 59*P*, 1996

MOBASHERI A., HALL A. C. & URBAN J. P. G. Factors affecting the upregulation of $Na^+$–$K^+$ pump density of isolated bovine articular chondrocytes induced by changes to extracellular $[Na^+]$ **495.P**, 124*P*, 1996

MOBBS P. *see* BECKER D., BONNESS V., CATSICAS M. & MOBBS P. **494.P**, 11*P*, 1996

*see* BONNESS V., CATSICAS M., CUNNINGHAM J., HUTSON P., MURRAY F., NEAL M. & MOBBS P. **494.P**, 79*P*, 1996

*see* CATSICAS M. & MOBBS P. **497.P**, 114*P*, 1996

MOCKETT S.P. *see* NEVILL A. M., MOCKETT S. P. & FENTEM P. H. **491.P**, 81*P*, 1996

*see* BASSEY E. J., MOCKETT S. P. & FENTEM P. H. **491.P**, 84*P*, 1996

MOHAMED H. *see* PARKINSON L., AMIN A. M., MOHAMED H., DAGENS S., O'CONNELL J., REILLY A., SEXTON S., SHIELS G. & BELL C. **495.P**, 143*P*, 1996

MOHAMMAD-PANAH R.

MOHAMMAD-PANAH R., LIPECKA J., FANEN P., BAUDOUIN-LEGROS M., BARÓ I., PLANELLES G. & EDELMAN A. Interferon γ effect on gene expression and function of P-glycoprotein in adenocarcinoma T84 cell lines **493.P**, 101*P*, 1996

MOHAMMED F.N.A. *see* HARTLEY D. E., MOHAMMED F. N. A., ZHOU Y. & FORSLING M. L. **493.P**, 100*P*, 1996

*see* HARTLEY D. E., MOHAMMED F. N. A., ZHOU Y. & FORSLING M. L. **493.P**, 94*P*, 1996

MOHAN J.S.
*MOHAN J. S., MARSHALL J. M., SERJEANT G. R. & REID H.* Vascular responses evoked by sound and by mild cooling in patients with homozygous sickle cell (SS) disease and the genesis of the painful crisis **497.P**, 70*P*, 1996

MOJET M.H.
*see DUCHEN M. R., LEYSSENS A., MOJET M. H. & PEUCHEN S.* **494.P**, 6*P*, 1996
*MOJET M. H., MILLS E. & DUCHEN M. R.* Hypoxia-induced catecholamine secretion by adrenal chromaffin cells isolated from newborn rat is mediated by a fall in $[ATP]_i$ and influx of extracellular $Ca^{2+}$ **494.P**, 80*P*, 1996

MOLDOVANOU I. *see BENCHETRIT G., GENTIL M., MOLDOVANOU I., EBERHARD A., POLLAK P., VOVK V., COULIART V. & BACHY J. P.* **497.P**, 28*P*, 1996

MOLENAAR P.C.
*MOLENAAR P. C., VAN KEMPEN G. TH. H., BARRY J. A. & RIBCHESTER R. R.* Choline acetyltransferase activity in isolated rat soleus muscle after chronic paralysis with tetrodotoxin and botulinum type A toxin **495.P**, 153*P*, 1996

MOLINA-HOLGADO F.
*MOLINA-HOLGADO F. & GUAZA C.* Increased prostaglandin $E_2$ release from cultured rat astrocytes by interleukin-1 is dependent on protein kinase C activation **493.P**, 48*S*, 1996
*MOLINA-HOLGADO F. & GUAZA C.* Differential activation of brainstem nuclei following endotoxin administration **493.P**, 52*S*, 1996

MOLINARI C. *see VACCA G., BATTAGLIA A., GROSSINI E., MARY D. A. S. G., MOLINARI C. & SURICO N.* **497.P**, 17*P*, 1996

MÖLLER T.
*MÖLLER T., NOLTE C., VERKHRATSKY A. & KETTENMANN H.* Agonist-induced calcium signalling in cultured mouse microglia: intracellular $Ca^{2+}$ release and capacitative $Ca^{2+}$ entry **493.P**, 81*P*, 1996

MOMIYAMA A.
*MOMIYAMA A., SILVER R. A. & CULL-CANDY S. G.* Conductance of glutamate receptor channels at climbing fibre synapses in rat Purkinje cells in thin slices **494.P**, 86*P*, 1996

MONAGHAN A.S.
*MONAGHAN A. S., KEMP P. J. & OLVER R. E.* G protein-regulated inwardly rectifying $K^+$ currents of alveolar type II cells isolated from fetal guinea-pig lung **493.P**, 75*P*, 1996

MONGE L. *see DIÉGUEZ G., FERNÁNDEZ N., GARCÍA-VILLALÓN A. L., GARCÍA J. L., MONGE L. & GÓMEZ B.* **493.P**, 37*S*, 1996
*see FERNÁNDEZ N., GARCÍA-VILLALÓN A. L., GARCÍA J. L., MONGE L., GÓMEZ B. & DIÉGUEZ G.* **493.P**, 73*S*, 1996
*see FERNÁNDEZ N., GARCÍA-VILLALÓN A. L., MONGE L., GÓMEZ B. & DIÉGUEZ G.* **493.P**, 73*S*, 1996
*see GARCÍA-VILLALÓN A. L., MONGE L., FERNÁNDEZ N., GÓMEZ B. & DIÉGUEZ G.* **493.P**, 73*S*, 1996

MONGE-C C. *see LEÓN-VELARDE F., VARGAS M., MONGE-C C., TORRANCE R. W. & ROBBINS P. A.* **491.P**, 51*P*, 1996

MONHEMIUS R.
*MONHEMIUS R., LI H. S. & ROBERTS M. H. T.* Descending inhibition of lamina V dorsal horn neurones in the urethane-anaesthetized rat **495.P**, 19*P*, 1996

MONN J.A. *see SCHOEPP D. D., SALHOFF C. R. & MONN J. A.* **493.P**, 50*P*, 1996

MONNIER V.M. *see PORTERO M., PAMPLONA R., BELLMUNT M. J., NAGARAJ R. H., MONNIER V. M. & PRAT J.* **493.P**, 60*S*, 1996

MONOS E.
*MONOS E., GYÖNGY L. & JOBBÁGY Á.* A novel method for motion analysis of animals exposed to gravitational load **491.P**, 75*P*, 1996

MONTAÑA E. *see SORIA B., ANDREU E., SANCHEZ-ANDRÉS J. V., MONTAÑA E. & MARTÍN F.* **494.P**, 142*P*, 1996

MONTE M.J. *see SERRANO M. A., BRITES D., MONTE M. J., BRAVO P., POEIRAS J., OLIVEIRA N. & MARIN J. J. G.* **493.P**, 101*S*, 1996
*see MARIN J. J. G., MONTE M. J. & SERRANO M. A.* **493.P**, 159*S*, 1996
*MONTE M. J., SERRANO M. A., VILLANUEVA G. R., BARBERO E. R., HERRERA M. C., CRIADO J., DOMINGUEZ M. F. & MARIN J. J. G.* Taurocholate-induced DNA synthesis inhibition is abolished by synchronization of liver regeneration **493.P**, 162*S*, 1996
*MONTE M. J., MORALES A. I., ALVARO I., MACIAS R. I. R., PALOMERO M. F., EL-MIR M. Y. & MARIN J. J. G.* Transient impairment of neonatal biliary function by maternal cholestasis **493.P**, 163*S*, 1996

MONTES A. *see LASA M., CHILOECHES A., ARANDA A., ROPERO S., MONTES A. & TORO M. J.* **493.P**, 121*S*, 1996

MONTGOMERY A. *see ARMSTRONG D. M., APPS R., HARTELL N. A. & MONTGOMERY A.* **493.P**, 10*S*, 1996

MONTGOMERY A.S. *see CROWDY K., HOLLANDS M. A., MONTGOMERY A. S., MARPLE-HORVAT D. E., ARMSTRONG D. M. & FERGUSON I. T.* **493.P**, 14*P*, 1996

MONTIEL C. *see LOMAX R. B., MONTIEL C., MICHELENA P., NUÑEZ L., GARCÍA-SANCHO J. & GARCÍA A. G.* **493.P**, 60*P*, 1996

MONTOYA J. *see RAYA Á., MONTOYA J., MERINO C., GARCÍA-COVISA N. L., HERNÁNDEZ V., ROMERO F. J. & ROMÁ J.* **493.P**, 31*S*, 1996

MOOREN F. CH. *see GEADA M., SINGH J., DOMSCHKE W., MOOREN F. CH. & WISDOM D. M.* **493.P**, 90*P*, 1996
*see GEADA M. M., SINGH J., WISDOM D. M., DOMSCHKE W. & MOOREN F. CH.* **495.P**, 123*P*, 1996

MOORES C. *see DALLAK M., DAVIES A. & MOORES C.* **495.P**, 158*P*, 1996

MOOS F. *see HUSSY N., DELEUZE C., PANTALONI A., DESARMÉNIEN M. G. & MOOS F.* **495.P**, 119*P*, 1996

MORA F. *see DEL ARCO A., MARTÍNEZ R. & MORA F.* **493.P**, 18*S*, 1996
*see EXPOSITO I., OAKNIN S. & MORA F.* **493.P**, 18*S*, 1996
*see SANZ B. & MORA F.* **493.P**, 18*S*, 1996
*see MARTÍNEZ R., DEL ARCO A. & MORA F.* **493.P**, 19*S*, 1996
*see SEGOVIA G., PORRAS A. & MORA F.* **493.P**, 19*S*, 1996
*see PORRAS A. & MORA F.* **493.P**, 56*S*, 1996
*see OAKNIN S., EXPOSITO I. & MORA F.* **493.P**, 62*S*, 1996

MORA O.A. *see CABRERA M. M. & MORA O. A.* **493.P**, 130*S*, 1996
*see CABRERA M. M. & MORA O. A.* **493.P**, 130*S*, 1996

MORALES A. *see ALEU J., IVORRA I., LEJARRETA M., GAL B., GONZÁLEZ-ROS J. M., FERRAGUT J. A. & MORALES A.* **493.P**, 163*S*, 1996

MORALES A.I. *see MONTE M. J., MORALES A. I., ALVARO I., MACIAS R. I. R., PALOMERO M. F., EL-MIR M. Y. & MARIN J. J. G.* **493.P**, 163*S*, 1996

MORALES J.M. *see GÓMEZ-ANSÓN B. & MORALES J. M.* **493.P**, 71*S*, 1996

MORALES M. *see LERMA J., PATERNAIN A. V., MORALES M. & VICENTE M. A.* **493.P**, 27*S*, 1996

MORÁN A. *see VELASCO C., MORÁN A., FERNÁNDEZ M. M., PRIETO P., MARTÍN M. L. & SAN ROMÁN L.* **493.P**, 75*S*, 1996
*MORÁN A., VELASCO C., PRIETO P., MARTÍN M. L. & SAN ROMÁN L.* Serotonergic effects in the *in situ* autoperfused rat kidney **493.P**, 86*S*, 1996

MORÁN D. *see FERNÁNDEZ E., RUIZ J., MORÁN D., GONZÁLEZ-BUITRAGO J. M., GALÁN A. I., MUÑOZ M. E. & JIMÉNEZ R.* **493.P**, 113*S*, 1996
*MORÁN D., GALÁN A. I., FERNÁNDEZ E., MORENO C., JIMÉNEZ R. & MUÑOZ M. E.* Increases in lipid peroxidation in rats chronically treated with cyclosporine A **493.P**, 114*S*, 1996

MORAN L. *see MENTIS G., DÍAZ E., MORAN L. & NAVARRETE R.* **494.P**, 87*P*, 1996

MORANTE M.P. *see PELEGRÍ C., RODRÍGUEZ-PALMERO M., MORANTE M. P., COMAS J., CASTELL M. & FRANCH A.* **493.P**, 109*S*, 1996

MORENO C. *see GALÁN A. I., FERNÁNDEZ E., MORENO C., GONZÁLEZ-BUITRAGO J. M., MUÑOZ M. E. & JIMÉNEZ R.* **493.P**, 113*S*, 1996
*see MORÁN D., GALÁN A. I., FERNÁNDEZ E., MORENO C., JIMÉNEZ R. & MUÑOZ M. E.* **493.P**, 114*S*, 1996

MORENO J.J. *see TORRENT M., LLORET S. & MORENO J. J.* **493.P**, 164*S*, 1996

MORENO M.J.
*MORENO M. J., ARENAS J. C., BERJÓN A. & FERNÁNDEZ-OTERO M. P.* Captan alters gluconeogenesis in isolated rat hepatocytes **493.P**, 143*S*, 1996

MORENO-LÓPEZ B.
*MORENO-LÓPEZ B., ESCUDERO M. & ESTRADA C.* Nitric oxide as a neuromodulator in the generation of motor commands **493.P**, 35*S*, 1996

MORETÓ M. *see CLARAMUNT H., AMAT C. & MORETÓ M.* **493.P**, 108*S*, 1996
*see TORRAS-LLORT M., SORIANO-GARCÍA J. F., FERRER R. & MORETÓ M.* **493.P**, 108*S*, 1996

MORGAN A.J.
*MORGAN A. J. & JACOB R.* $Ca^{2+}$ entry possibly maintains $[Ca^{2+}]_i$ oscillations in human umbilical vein endothelial cells by two mechanisms **491.P**, 11*P*, 1996
*see WHEELER-JONES C. P. D., HOULISTON R. A., MORGAN A. J. & PEARSON J. D.* **491.P**, 12*P*, 1996
*MORGAN A. J. & JACOB R.* Simultaneous measurement of cytosolic and stored $Ca^{2+}$ using fluo-3 and mag-fura-2 in single human umbilical vein endothelial cells **491.P**, 42*P*, 1996

MORGAN D.M.L. *see BAYDOUN A. R. & MORGAN D. M. L.* **491.P**, 32*P*, 1996
*MORGAN D. M. L. & JONES A. K. E.* Effects of two arginase inhibitors on nitric oxide release by macrophages *in vitro* **491.P**, 33*P*, 1996

MORGAN J.M. *see LAMB H. K., AWAD S. S., MORGAN J. M. & GILLESPIE J. I.* **491.P**, 168*P*, 1996

*Morgan J. M., Awad S. S. & Gillespie J. I.* The effects of thapsigargin on $Ca^{2+}$ uptake and $Ca^{2+}$ release via $IP_3$ and CICR from the sarcoplasmic reticulum of cultured human myometrial smooth muscle (HMSM) cells **491.P**, 168*P*, 1996

Morgan R.J. *see Jeremy J. Y., Sullivan M., Thompson C. S., Mikhailidis D. P., Morgan R. J. & Angelini G. D.* **493.P**, 21*P*, 1996

*see Sullivan M. E., Thompson C. S., Muddle J. R., Mikhailidis D. P., Morgan R. J. & Dashwood M. R.* **494.P**, 130*P*, 1996

Mori S. *see Ford T. W., Donga R., Matsuyama K., Mori S., Nakajima K. & Kirkwood P. A.* **494.P**, 70*P*, 1996

Morin E. *see Samain E., Dagher G., Perret C., Morin E., Safar M. & Renaud J. F.* **491.P**, 163*P*, 1996

Morland A.B.

*Morland A. B., Ogilvie J. A. & Ruddock K. H.* Second-order motion is detected by a hemianopic patient in the absence of geniculo-striate input **497.P**, 62*P*, 1996

*see Finlay A. L., Morland A. B. & Ruddock K. H.* **497.P**, 63*P*, 1996

Moroz L.L.

*Moroz L. L., Chatterjee P. & Winlow W.* Cytochrome C oxidase and catalase histochemistry in the molluscan central nervous system **497.P**, 118*P*, 1996

Morreale de Escobar G. *see Martinez-Galan J. R., Altimiras M. S., Pedraza P., del Rey F. E., Morreale de Escobar G. & Ruiz-Marcos A.* **493.P**, 126*S*, 1996

Morris J.F.

*Morris J. F., Wang H. & Jadesimi A. A.* Rapid effects of ovarian steroids on the magnocellular neurosecretory system **494.P**, 11*S*, 1996

Morris M. *see Barrie A., Morris M. & Allen J. M.* **491.P**, 98*P*, 1996

*see Ludwig M., Williams K., Callahan M. F. & Morris M.* **494.P**, 141*P*, 1996

Morris R. *see Bleazard L. & Morris R.* **495.P**, 26*P*, 1996

Morris S.H. *see Vickery R. M., Morris S. H. & Bindman L. J.* **495.P**, 51*P*, 1996

Morris S.J.

*Morris S. J., Shore A. C., Jaap A. J. & Tooke J. E.* Responses of the skin microcirculation to acetylcholine and sodium nitroprusside in subjects with fasting hyperglycaemia **491.P**, 14*P*, 1996

*see Kunzek S., Morris S. J. & Shore A. C.* **491.P**, 35*P*, 1996

Morris T. *see Olivier E., Maier M. A., Baker S. N., Philbin N., Morris T. & Lemon R. N.* **494.P**, 63*P*, 1996

Morris T.J.

*Morris T. J., Aziz A., Mustafa M. A., Hopkins P. M. & Winlow W.* Comparative effects of *Zanthoxylum myriacanthum* extract and general anaesthetics on barium currents in identified molluscan neurones **497.P**, 116*P*, 1996

Morrison J.F.B. *see Kibble A. & Morrison J. F. B.* **491.P**, 148*P*, 1996

*see Kibble A. & Morrison J. F. B.* **497.P**, 18*P*, 1996

*see Jiang W. & Morrison J. F. B.* **497.P**, 19*P*, 1996

*see Jiang W., Kibble A. & Morrison J. F. B.* **497.P**, 6*S*, 1996

Mortimer P.S. *see Stanton A. W. B., Holroyd B., Northfield J. W., Levick J. R. & Mortimer P. S.* **491.P**, 39*P*, 1996

Morton D. *see Kalia N., Morton D., Jacob S., Reed M. W. R., Bardhan K. D. & Brown N. J.* **491.P**, 31*P*, 1996

Morton R.A.

*Morton R. A. & Davies C. H.* Adenosine receptor-mediated modulation of cholinergic synaptic transmission in the rat hippocampus *in vitro* **495.P**, 53*P*, 1996

Moss S.J. *see Amato A., Moss S. J. & Smart T. G.* **493.P**, 44*P*, 1996

Moxham J. *see Polkey M. I., Kyroussis D., Hughes P. D., Rafferty G. F., Green M. & Moxham J.* **494.P**, 92*P*, 1996

Moya A. *see Iglesias G. M., Moya A., Rabuñal R. & Lima L.* **493.P**, 41*S*, 1996

*see Alberola A., Revert F., Moya A., García J., Beltrán J., Sancho S. & Such L.* **493.P**, 77*S*, 1996

Moynihan J.B. *see Breathnach C. S. & Moynihan J. B.* **494.P**, 27*P*, 1996

Mozhayeva G.N. *see Kaznacheyeva E. V., Kiselyov K. I., Mamin A. G. & Mozhayeva G. N.* **497.P**, 120*P*, 1996

*see Kiselyov K. I., Mamin A. G. & Mozhayeva G. N.* **497.P**, 129*P*, 1996

Mtinangi B.L. *see Brown C. M., Mtinangi B. L. & Hainsworth R.* **497.P**, 4*P*, 1996

*Mtinangi B. L., Croft J. S., Brown C. M. & Hainsworth R.* Effect of an exercise training programme on plasma volume and orthostatic tolerance in humans **497.P**, 68*P*, 1996

Muddle J.R. *see Sullivan M. E., Thompson C. S., Muddle J. R., Mikhailidis D. P., Morgan R. J. & Dashwood M. R.* **494.P**, 130*P*, 1996

Muimo R. *see Banner S. J., Marshall L. J., Muimo R. & Mehta A.* **493.P**, 72*P*, 1996

*see Marshall L. J., Muimo R. & Mehta A.* **493.P**, 93*P*, 1996

Mulder T.L. *see van Golde J. C., Mulder T. L. & Blanco C. E.* **494.P**, 30*P*, 1996

Mulligan I.P. *see Johns E. C., Hodson E. A. M., Fish H., Lymn J. S., Thurston H., Mulligan I. P. & Ashley C. C.* **497.P**, 51*P*, 1996

Muneoka Y. *see Pedder S. M., Chen M. L., Muneoka Y. & Walker R. J.* **491.P**, 108*P*, 1996

*see Pedder S. M., Muneoka Y. & Walker R. J.* **495.P**, 39*P*, 1996

Munro F.E. *see Fleetwood-Walker S. M., Parker R. M. C. & Munro F. E.* **491.P**, 16*S*, 1996

Murakami M. *see Steward M. C., Seo Y., Larcombe-McDouall J. B. & Murakami M.* **493.P**, 105*P*, 1996

Murillo M.D. *see Guerrero-Lindner E., Plaza M. A., Arruebo M. P. & Murillo M. D.* **493.P**, 107*S*, 1996

Murillo M.L. *see Fernández O., Tavares E., Murillo M. L. & Carreras O.* **493.P**, 111*S*, 1996

*see Tavares E., Gomez-Tubio A., Murillo M. L. & Carreras O.* **493.P**, 137*S*, 1996

Muros De Fuentes M. *see Rodriguez-Ferrer C. R., Muros De Fuentes M., Perez H. & Oaknin S.* **493.P**, 79*S*, 1996

Murphy C.L.

*Murphy C. L., Willott, R. H. & Lever M. J.* Evans Blue dye–albumin uptake around the aorto-renal bifurcation in rabbits using fluorescence microscopy: correlation with blood flow **491.P**, 31*P*, 1996

Murphy K. *see Corfield D. R., Fink G. R., Murphy K., Kobayashi I., Dettmers C., Adams L., Frackowiak R. S. J. & Guz A.* **491.P**, 52*P*, 1996

*see Pillai J. M., Kobayashi I., Walter S. J., Adams L. & Murphy K.* **495.P**, 138*P*, 1996

*Murphy K., Corfield D. R., Guz A., Fink G., Harrison J., Wise R. J. S. & Adams L.* Cerebral areas associated with the motor control of speech in man **497.P**, 22*P*, 1996

Murphy P.C.

*Murphy P. C. & Sillito A. M.* Connectivity patterns formed by single axons from visual cortical areas 17 and 18 to the lateral geniculate nucleus of the cat **494.P**, 17*P*, 1996

Murphy P.R.

*Murphy P. R. & Hammond G. R.* Task-related reversal of reflex responses in static $\gamma$-efferents in the decerebrate cat **494.P**, 62*P*, 1996

Murray F. *see Bonness V., Catsicas M., Cunningham J., Hutson P., Murray F., Neal M. & Mobbs P.* **494.P**, 79*P*, 1996

Murray H.E. *see Gillies G. E., Davidson K., Murray H. E. & Christian M. C.* **494.P**, 10*S*, 1996

Murray I.A.

*Murray I. A. & Martin R. J.* L-Glutamate and L-aspartate increase input conductance of *Ascaris suum* pharyngeal muscle **495.P**, 33*P*, 1996

Murrell-Lagnado R.D. *see Woodward R., Stevens E. B. & Murrell-Lagnado R. D.* **494.P**, 50*P*, 1996

Mustafa M.A. *see Wood G., Aziz A., Mustafa M. A. & Winlow W.* **495.P**, 37*P*, 1996

*see Morris T. J., Aziz A., Mustafa M. A., Hopkins P. M. & Winlow W.* **497.P**, 116*P*, 1996

Mustafa Y. *see Downing J. E. G., Simon M. J., Al-Asam H., Mustafa Y. & Perry M. E.* **495.P**, 130*P*, 1996

Mutungi G.

*Mutungi G. & Ranatunga K. W.* Characteristics of the short range elasticity (SRE) in mammalian (rat) muscle fibres **493.P**, 7*P*, 1996

Muñoz A.

*Muñoz A., Santisteban R., Rubio M. D., Agüera E. I., Escribano B. M. & Castejón F. M.* Locomotion differences between Andalusian and Anglo-Arabian horses **493.P**, 16*S*, 1996

*Muñoz A., Castejón F. M., Tovar P., Vivo R., Escribano B. M. & Santisteban R.* Adaptacion to acceleration of the basic kinematic variables of the stride in Andalusian horses **493.P**, 17*S*, 1996

*see Tovar P., Rubio M. D., Escribano B. M., Muñoz A. & Santisteban R.* **493.P**, 76*S*, 1996

*see Rubio M. D., Escribano B. M., Tovar P., Agüera E. I., Muñoz A. & Castejón F. M.* **493.P**, 141*S*, 1996

*see Agüera E. I., Rubio M. D., Vivo R., Agüera S., Escribano B. M., Muñoz A. & Castejon F. M.* **493.P**, 142*S*, 1996

*see* ESCRIBANO B. M., RIBER C., MUÑOZ A., TOVAR P., AGÜERA E. I. & RUBIO M. D. **493.P**, 142*S*, 1996

MUÑOZ C. *see* LÓPEZ-LUNA P., IGLESIAS M. A., MARTÍNEZ S., MUÑOZ C. & HERRERA E. **493.P**, 139*S*, 1996

*MUÑOZ C., LÓPEZ-LUNA P. & HERRERA E. In vivo* effect of insulin-stimulated glucose uptake in individual tissues along gestation in the rat **493.P**, 139*S*, 1996

MUÑOZ M.E. *see* FERNÁNDEZ E., RUIZ J., MORÁN D., GONZÁLEZ-BUITRAGO J. M., GALÁN A. I., MUÑOZ M. E. & JIMÉNEZ R. **493.P**, 113*S*, 1996

*see* GALÁN A. I., FERNÁNDEZ E., MORENO C., GONZÁLEZ-BUITRAGO J. M., MUÑOZ M. E. & JIMÉNEZ R. **493.P**, 113*S*, 1996

*see* MORÁN D., GALÁN A. I., FERNÁNDEZ E., MORENO C., JIMÉNEZ R. & MUÑOZ M. E. **493.P**, 114*S*, 1996

MUÑOZ R. *see* NAVARRO J., MUÑOZ R., MAESO R., RODRIGO E., CACHOFEIRO V., RUILOPE L. M. & LAHERA V. **493.P**, 70*S*, 1996

MUÑOZ R.M.

*MUÑOZ R. M. & VILLANÚA M. A.* Infantile cyclosporine (CsA) treatment compromises splenic natural killer (NK) activity and lymphocyte subpopulations until adulthood **493.P**, 51*S*, 1996

*see* VILLANÚA M. A., MUÑOZ R. M., RODRÍGUEZ DE FONSECA F., MARTÍN CALDERÓN J. L. & NAVARRO M. **493.P**, 120*S*, 1996

MUÑOZ-FERNÁNDEZ M.A.

*MUÑOZ-FERNÁNDEZ M. A. & FRESNO M.* Effect of nitric oxide on the growth and differentiation of nerve cells **493.P**, 34*S*, 1996

MUÑOZ-MARTÍNEZ E. *see* LÓPEZ-OLIVA M. E., AGIS-TORRES A., UNZAGA M. T. & MUÑOZ-MARTÍNEZ E. **493.P**, 132*S*, 1996

MYERS D.S. *see* DRINKHILL M. J., MCMAHON N. C., NOBLE B. J., MYERS D. S. & HAINSWORTH R. **497.P**, 12*P*, 1996

*see* NOBLE B. J., DRINKHILL M. J., MYERS D. S. & HAINSWORTH R. **497.P**, 68*P*, 1996

NADAL A. *see* FUENTES E., NADAL A., JACOB R. & MCNAUGHTON P. A. **491.P**, 10*P*, 1996

NADERALI E.K.

*NADERALI E. K. & WRAY S.* The effects of contraction on intracellular pH ($pH_i$) in the rat uterus **495.P**, 174*P*, 1996

NÆSS V. *see* GRINDE E., NÆSS V., FLADEBY C. & SERCK-HANSSEN G. **493.P**, 126*S*, 1996

NAFTALIN R.J.

*NAFTALIN R. J. & GOTCH E. H. E.* A method of assessing colonic absorptive function *in vivo* using fluorescence endoscopy **491.P**, 4*P*, 1996

*see* ALEXANDER B., NAFTALIN R. J. & ROGERS C. **495.P**, 97*P*, 1996

*see* ALEXANDER B., COTTAM H. & NAFTALIN R. J. **495.P**, 102*P*, 1996

NAGARAJ R.H. *see* PORTERO M., PAMPLONA R., BELLMUNT M. J., NAGARAJ R. H., MONNIER V. M. & PRAT J. **493.P**, 60*S*, 1996

NAGYOVA B.

*NAGYOVA B., DORRINGTON K. L. & O'NEILL M.* Effect of hypoxia on active and passive liquid clearance from the left lung of the anaesthetized rabbit **493.P**, 64*P*, 1996

NAKAJIMA K. *see* FORD T. W., DONGA R., MATSUYAMA K., MORI S., NAKAJIMA K. & KIRKWOOD P. A. **494.P**, 70*P*, 1996

NARANJO J.R. *see* TAYLOR J. S., CARRIÓN A. M., MELLSTRÖM B. & NARANJO J. R. **491.P**, 17*S*, 1996

NARVÁEZ J.A.

*NARVÁEZ J. A., DIAZ Z., HEDLUND P. B., AGUIRRE J. A., COVEÑAS R., GONZALEZ-BARON S. & FUXE K.* Galanin receptor subtypes modulate the cardiovascular responses of the $\alpha_2$-adrenergic agonist clonidine **493.P**, 75*S*, 1996

NASEEM K.M.

*NASEEM K. M. & BRUCKDORFER K. R.* Synergism between hydrogen peroxide and *S*-nitrosoglutathione: inhibition of activation of human platelets **491.P**, 8*P*, 1996

NASSAR M. *see* WYLLIE D., BÉHÉ P., EDMONDS B., NASSAR M., SCHOEPFER R. & COLQUHOUN D. **491.P**, 135*P*, 1996

NATHAN J. *see* COLLIER D. J., NATHAN J., FLOWER R. J., WOLFF C. B., MILLEDGE J. S. & SWENSON E. R. **497.P**, 30*P*, 1996

NATHANIELSZ P.W. *see* WU W. X., ZHANG Q. & NATHANIELSZ P. W. **491.P**, 167*P*, 1996

NAVARRETE R. *see* MENTIS G., DÍAZ E., MORAN L. & NAVARRETE R. **494.P**, 87*P*, 1996

NAVARRO H. *see* MARCO R., NAVARRO H., RODRIGUEZ-YOLDI M. J. & ALCALDE A. I. **493.P**, 108*S*, 1996

NAVARRO J.

*NAVARRO J., MUÑOZ R., MAESO R., RODRIGO E., CACHOFEIRO V., RUILOPE L. M. & LAHERA V.* Effects of antihypertensive drugs on metabolic alterations in fructose-induced hypertension **493.P**, 70*S*, 1996

NAVARRO J.F. *see* MANZANEQUE J. M., MARTÍN-LÓPEZ M. & NAVARRO J. F. **493.P**, 15*S*, 1996

NAVARRO M. *see* VILLANÚA M. A., MUÑOZ R. M., RODRÍGUEZ DE FONSECA F., MARTÍN CALDERÓN J. L. & NAVARRO M. **493.P**, 120*S*, 1996

NAVARRO-ARÉVALO A. *see* PÉREZ-MORENO A., SÁNCHEZ-DEL-PINO M. J., LUNA-GÁLVEZ S., GÓMEZ-GÓMEZ C. & NAVARRO-ARÉVALO A. **493.P**, 135*S*, 1996

NAVARRO-CID J. *see* LAHERA V., NAVARRO-CID J. & CACHOFEIRO V. **493.P**, 65*S*, 1996

NAYLOR R. *see* HILLIER C., SAYERS R. D., NAYLOR R., BELL P. R. F. & THURSTON H. **491.P**, 7*P*, 1996

NAZIR S.A.

*NAZIR S. A., DICK D. J., COEN B. A., SACHS F. & LAB M. J.* Anti-arrhythmic action of *G. spatulata* venom in the ventricle of the isolated Langendorff perfused guinea-pig heart **494.P**, 111*P*, 1996

NEAL C.R.

*NEAL C. R. & MICHEL C. C.* Effects of temperature on the fragility of frog mesenteric microvessels **491.P**, 26*P*, 1996

NEAL M. *see* BONNESS V., CATSICAS M., CUNNINGHAM J., HUTSON P., MURRAY F., NEAL M. & MOBBS P. **494.P**, 79*P*, 1996

NEARY P.

*NEARY P., STEELE D. S., ORCHARD C. H. & SMITH G. L.* Measurement of $Ca^{2+}$ release from saponin-permeabilized single cardiac myocytes **497.P**, 7*P*, 1996

NEGRE-SALVAYRE A. *see* ARNAL J. F., CLAMENS S., PECHET C., NEGRE-SALVAYRE A., ALLERA C., GIROLAMI J.-P., SALVAYRE R. & BAYARD F. **491.P**, 18*P*, 1996

NEGRETTI N.

*NEGRETTI N., DIAZ S., ELEIZALDE G. & OCTAVIO J. A.* Does the right ventricle show a mechanism similar to the Anrep effect in the left ventricle? **494.P**, 100*P*, 1996

NELSON J.C. *see* AHMED B., ANDERSON J. C., DOUGLAS R. J., MARTIN K. A. C. & NELSON J. C. **494.P**, 15*P*, 1996

*see* AHMED B., ANDERSON J. C., DOUGLAS R. J., MARTIN K. A. C. & NELSON J. C. **495.P**, 61*P*, 1996

NEUMANN I. *see* DOUGLAS A. J., JOHNSTONE H., HATZINGER M., NEUMANN I., LANDGRAF R. & RUSSELL J. A. **495.P**, 109*P*, 1996

NEUMEIER D. *see* BRAND K., BAUERLE P. A., WALLI A. K. & NEUMEIER D. **491.P**, 2*S*, 1996

NEVILL A.M. *see* ROUND J. M., NEVILL A. M., HONOUR J. & JONES D. A. **491.P**, 79*P*, 1996

*NEVILL A. M., MOCKETT S. P. & FENTEM P. H.* Scaling leg power for differences in body size **491.P**, 81*P*, 1996

NEWHAM D.J.

*NEWHAM D. J. & HSIAO S.-F.* Detection and estimation of voluntary activation with percutaneous electrical stimulation of the human quadriceps at 1 and 100 Hz **491.P**, 71*P*, 1996

NEWLAND C.

*NEWLAND C., CROXEN R., BEESON D., VINCENT A. & NEWSOM-DAVIS J.* Mutations in the human muscle ACh receptor in congenital myasthenia prolong receptor activations **495.P**, 79*P*, 1996

NEWSHOLME E.A. *see* CASTELL L. M. & NEWSHOLME E. A. **495.P**, 140*P*, 1996

NEWSOM-DAVIS J. *see* WATERMAN S. A., LANG B. & NEWSOM-DAVIS J. **491.P**, 144*P*, 1996

*see* NEWLAND C., CROXEN R., BEESON D., VINCENT A. & NEWSOM-DAVIS J. **495.P**, 79*P*, 1996

NICHOL J.A.

*NICHOL J. A. & HUTTER O. F.* Arachidonic acid alters membrane mechanical properties of sarcolemmal vesicles from rabbit skeletal muscle **495.P**, 83*P*, 1996

NICHOLS C.G. *see* SHYNG S.-L., CLEMENT IV J., BRYAN J. & NICHOLS C. G. **494.P**, 51*P*, 1996

NICKOL A. *see* BARRY P. B., MASON N. P., NICKOL A., DATTA A., MILLEDGE J. S., WOLFF C. B. & COLLIER D. J. **497.P**, 29*P*, 1996

NICOLAU M.C.

*NICOLAU M. C., GAMUNDI A., MARTÍN J., ROSSELLÓ C., BARJAU I. & RIAL R.* Slow wave EEG in active *Iguana iguana* **493.P**, 17*S*, 1996

*see* RIAL R., GAMUNDI A., AKAARIR M., ROSSELLÓ C., RAYÓ J. M. & NICOLAU M. C. **493.P**, 17*S*, 1996

*see* GAMUNDI A., ROSSELLÓ C., ALEMANY G., AKAARIR M., TIMONER G. & NICOLAU M. C. **493.P**, 24*S*, 1996

NICOLL A. *see* KEELING A., FREEMAN R. & NICOLL A. **495.P**, 61*P*, 1996

NIELSEN H.B. *see* BOUSHEL R., MADSEN P., NIELSEN H. B., QUISTORFF B. & SECHER N. H. **491.P**, 69*P*, 1996

*see* BOUSHEL R., MADSEN P., NIELSEN H. B. & SECHER N. H. **495.P**, 138*P*, 1996

NIELSEN J. *see* MAIER M. A., ILLERT M., KIRKWOOD P. A., NIELSEN J. & LEMON R. N. **494.P**, 63*P*, 1996

NIELSEN O.B.

*NIELSEN O. B. & CLAUSEN T.* Long-lasting excitation-induced activation of $Na^+$–$K^+$ pumps in rat skeletal muscle **491.P**, 122*P*, 1996

*see* HARRISON A. P., NIELSEN O. B. & CLAUSEN T. **491.P**, 123*P*, 1996

*see* OVERGAARD K., NIELSEN O. B. & CLAUSEN T. **491.P**, 131*P*, 1996

NIELSEN S.

*NIELSEN S., MARPLES D. & KNEPPER M. A.* Aquaporin water channels in kidney: expression and regulation **493.P**, 3*S*, 1996

*see* MARPLES D., KNEPPER M. A., TAYLOR A. & NIELSEN S. **493.P**, 69*P*, 1996

*see* MARPLES D., RASCH R., KNEPPER M. A. & NIELSEN S. **497.P**, 91*P*, 1996

NIETO M. *see* TORMO M. A., ROPERO M. F., MARTINEZ I. M., NIETO M. & CAMPILLO J. E. **493.P**, 123*S*, 1996

*see* CAMPILLO J. E., ROPERO M. F., MARTINEZ I. M., NIETO M. & TORMO M. A. **493.P**, 133*S*, 1996

NIKMARAM M.R.

*NIKMARAM M. R., KODAMA I., BOYETT M. R., SUZUKI R. & HONJO H.* The $Na^+$ current plays an important role in pacemaker activity in the periphery, but not the centre, of the rabbit sinoatrial node **491.P**, 154*P*, 1996

NIMROD C. *see* SIMPSON N., NIMROD C., DE VERMETTE R., LEBLANC C. & FOURNIER J. **494.P**, 34*P*, 1996

NISHIDA Y. *see* GRIX N., HOLLEY M. C. & NISHIDA Y. **493.P**, 14*P*, 1996

NIXON G.F.

*NIXON G. F., LESH R. E., FLEISCHER S., SOMLYO A. P. & SOMLYO A. V.* Localization of the ryanodine receptor (RyR) in smooth muscle **491.P**, 46*P*, 1996

NIZZARI M. *see* BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V. **491.P**, 146*P*, 1996

*see* BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V. **491.P**, 9*S*, 1996

NOBLE B.J. *see* DRINKHILL M. J., MCMAHON N. C., NOBLE B. J., MYERS D. S. & HAINSWORTH R. **497.P**, 12*P*, 1996

*NOBLE B. J., DRINKHILL M. J., MYERS D. S. & HAINSWORTH R.* Active and passive volume responses in the abdominal circulation in anaesthetized dogs **497.P**, 68*P*, 1996

NOBLE D. *see* DAY K., VARGHESE A., NOBLE D. & KOHL P. **497.P**, 5*P*, 1996

NOBLE M.I.M. *see* CLARKE S. B., DRAKE-HOLLAND A. J., HYND J., NOBLE M. I. M. & SEYMOUR A.-M. L. **493.P**, 28*P*, 1996

*see* CLARKE S. B., DRAKE-HOLLAND A. J., HYND J., WRIGHT Z., MANSARAY M., NOBLE M. I. M. & SEYMOUR A.-M.L. **497.P**, 50*P*, 1996

NOBLES M.

*NOBLES M. & ABBOTT N. J.* Effects of cyclic nucleotides on the increase in $[Ca^{2+}]_i$ caused by external ATP in the brain endothelial cell line, RBE4 **491.P**, 38*P*, 1996

NODAL F.R.

*NODAL F. R., MANUNTA Y., EDELINE J.-M. & BAJO V. M.* Descending projections from the primary auditory cortex to the thalamus: study with biocytin in the guinea-pig **493.P**, 15*S*, 1996

NOGUERA I.

*NOGUERA I., MEDINA P., SEGARRA G., MARTÍNEZ M. C., ALDASORO M., VILA J. M. & LLUCH S.* Potentiation of adrenergic contractions of rat mesenteric artery by vasopressin **493.P**, 70*S*, 1996

*see* SEGARRA G., MEDINA P., NOGUERA I., ALDASORO M., VILA J. M., FLOR B. & LLUCH S. **493.P**, 79*S*, 1996

NOLAN M.F.

*NOLAN M. F., GIBSON I. C. & LOGAN S. D.* Effects of the anaesthetic Saffan on rat sympathetic preganglionic neurones *in vitro* **495.P**, 58*P*, 1996

NOLAN P. *see* LANGDON M. G., NOLAN P., JONES J. F. X. & O'REGAN R. G. **494.P**, 101*P*, 1996

*NOLAN P., LANGDON M. G. & O'REGAN R. G.* The reflex bradycardic response to upper airway negative pressure during hyperoxia, baroreceptor unloading and central apnoea in the anaesthetized paralysed rabbit **494.P**, 105*P*, 1996

NOLLET F. *see* BEELEN A., NOLLET F. & SARGEANT A. J. **491.P**, 127*P*, 1996

*NOLLET F., BEELEN A. & SARGEANT A. J.* Oxygen uptake and symmetry of power production in submaximal cycling in prior polio patients **491.P**, 128*P*, 1996

NOLTE C. *see* MÖLLER T., NOLTE C., VERKHRATSKY A. & KETTENMANN H. **493.P**, 81*P*, 1996

NORGATE D.P. *see* SEWELL K. J., SHIRLEY D. G., MICHAEL A. E., THOMPSON A., NORGATE D. P. & UNWIN R. J. **497.P**, 90*P*, 1996

NORMAN J.C.

*NORMAN J. C., HARRISON P. T., DAVIS W. & ALLEN J. M.* The nature of the cytoplasmic tail of FcγRI determines the intracellular sorting of immune complexes **491.P**, 100*P*, 1996

NORRIS S.K.

*NORRIS S. K.* Electrophysiological identification of septohippocampal neurones using whole-cell recordings from rat brain slices **497.P**, 113*P*, 1996

NORTHFIELD J.W. *see* STANTON A. W. B., HOLROYD B., NORTHFIELD J. W., LEVICK J. R. & MORTIMER P. S. **491.P**, 39*P*, 1996

NOVAK D.A. *see* BRAVO P., MARIN J. J. G., BEVERIDGE M. J. & NOVAK D. A. **493.P**, 101*S*, 1996

NOVELLA S. *see* MARTÍNEZ C., NOVELLA S., BENEDITO S. & GARCÍA-SACRISTÁN A. **493.P**, 74*S*, 1996

*see* MARTÍNEZ C., NOVELLA S., GARCÍA-SACRISTÁN A., RAPOSO R. & BENEDITO S. **493.P**, 74*S*, 1996

NUÑEZ L. *see* LOMAX R. B., MONTIEL C., MICHELENA P., NUÑEZ L., GARCÍA-SANCHO J. & GARCÍA A. G. **493.P**, 60*P*, 1996

NÚÑEZ-VÁZQUEZ E.

*NÚÑEZ-VÁZQUEZ E., FRUGIÈRE A., PÁSARO R. & BARILLOT J. C.* Rostral ventrolateral medulla efferent projections to the area postrema and nucleus of the solitary tract in rats **493.P**, 80*S*, 1996

NYBORG N.C.B. *see* PRIETO D., SIMONSEN U. & NYBORG N. C. B. **493.P**, 82*S*, 1996

NYE P.C.G. *see* TWADDLE J. L. T., XIA N. & NYE P. C. G. **491.P**, 50*P*, 1996

*see* HEINERT G., PATERSON D. J. & NYE P. C. G. **491.P**, 7*P*, 1996

*see* HEINERT G., NYE P. C. G. & PATERSON D. J. **495.P**, 159*P*, 1996

*see* BHARADWAJ A. K., LEE S.-J., XIA N., TWADDLE J. L. T. & NYE P. C. G. **495.P**, 172*P*, 1996

*see* PAGAKIS S. N., LEE S.-J. & NYE P. C. G. **497.P**, 80*P*, 1996

*see* LEE S.-J., BHARADWAJ A. K. & NYE P. C. G. **497.P**, 84*P*, 1996

NZEGWU H.C.

*NZEGWU H. C. & LEVIN R. J.* Luminal capsaicin inhibits fluid secretion induced by enterotoxin *E. coli* LT but not bethanechol in rat intestine *in vivo* **495.P**, 95*P*, 1996

OAKDEN E.L.

*OAKDEN E. L. & BOISSONADE F. M.* The effect of light anaesthesia on Fos expression in the trigeminal nucleus following tooth pulp stimulation **495.P**, 28*P*, 1996

OAKES M. *see* WHITE M. J., CARRINGTON C. A. & OAKES M. **491.P**, 78*P*, 1996

OAKNIN S. *see* EXPOSITO I., OAKNIN S. & MORA F. **493.P**, 18*S*, 1996

*see* AGUILAR J. S., OAKNIN S., RAMOS A., EXPÓSITO I., RODRÍGUEZ-FERRER C. R. & ROTLLÁN P. **493.P**, 24*S*, 1996

*OAKNIN S., EXPOSITO I. & MORA F.* The modulatory effect of melatonin on the dopamine–glutamic acid interaction in the anterior hypothalamus of the rat during ageing **493.P**, 62*S*, 1996

*see* RODRIGUEZ-FERRER C. R., MUROS DE FUENTES M., PEREZ H. & OAKNIN S. **493.P**, 79*S*, 1996

O'BOYLE D.J. *see* ZIA S., CODY F. W. J. & O'BOYLE D. J. **494.P**, 68*P*, 1996

OBREGÓN F.

*OBREGÓN F., UREÑA J. & LÓPEZ-BARNEO J.* $O_2$-sensitive $Ca^{2+}$ channels in arterial smooth muscle cells and their role in hypoxic vasomotor responses **493.P**, 71*S*, 1996

O'CONNELL J. *see* PARKINSON L., AMIN A. M., MOHAMED H., DAGENS S., O'CONNELL J., REILLY A., SEXTON S., SHIELS G. & BELL C. **495.P**, 143*P*, 1996

O'CONNOR M.D. *see* BROWN C. H., O'CONNOR M. D., BICKNELL R. J. & RUSSELL J. A. **495.P**, 118*P*, 1996

OCTAVIO J.A. *see* NEGRETTI N., DIAZ S., ELEIZALDE G. & OCTAVIO J. A. **494.P**, 100*P*, 1996

ODETTI P. *see* BELLMUNT M. J., PORTERO M., PAMPLONA R., COSSO L., ODETTI P. & PRAT J. **493.P**, 62*S*, 1996

O'DOWD A.

*O'DOWD A. & MILLER D. J.* Zn-carnosine's vasoconstrictor action in rabbit saphenous vein is mediated by an $H_1$ (histamine) receptor **497.P**, 52*P*, 1996

ODUNLAMI A.A. *see* BRICE N. L., BERROW N. S., TEDDER I. J., ODUNLAMI A. A., BRICKLEY K. & DOLPHIN A. C. **495.P**, 78*P*, 1996

*see* STEPHENS G. J., TEDDER I. J., BERROW N. S., ODUNLAMI A. A. & DOLPHIN A. C. **495.P**, 78*P*, 1996

OGDEN D. *see* CAPIOD T., OGDEN D. & TOROK K. **494.P**, 134*P*, 1996

Ogilvie J.

*Ogilvie J., Houghton A. K., Bhandari R. N. B. & Clarke R. W.* Suppression of a withdrawal reflex by chemical stimulation in the periaqueductal grey matter of the decerebrated rabbit: involvement of $\alpha_2$-adrenoceptors **491.P**, 112*P*, 1996

*see Clarke R. W., Houghton A. K., Parry-Baggott C. & Ogilvie J.* **493.P**, 41*P*, 1996

*see Clarke R. W. & Ogilvie J.* **494.P**, 44*P*, 1996

*see Clarke R. W., Ogilvie J., Parry-Baggott C. & Voce A.* **495.P**, 23*P*, 1996

*Ogilvie J. & Clarke R. W.* The involvement of non-5-HT1A receptors in 8-hydroxy-2-(di-*n*-propylamino)tetralin (8-OH-DPAT)-induced facilitation of a spinal reflex in the decerebrated and spinalized rabbit **497.P**, 106*P*, 1996

Ogilvie J.A. *see Morland A. B., Ogilvie J. A. & Ruddock K. H.* **497.P**, 62*P*, 1996

Ogueh O. *see Hills F. A., Farkas A., Crawford R., Dhanjal M., Ogueh O. & Chard T.* **494.P**, 42*P*, 1996

Oiki S. *see Sabirov R. Z., Tominaga T., Miwa A., Okada Y. & Oiki S.* **493.P**, 103*P*, 1996

Ojeda E. *see Crespo C., Porteros A., Arévalo R., Bravo I. G., Ojeda E., Aijón J. & Alonso J. R.* **493.P**, 40*S*, 1996

Okada Y.

*Okada Y., Tominaga M., Miwa A., Tominaga T. & Ueda K.* P-glycoprotein is neither a volume-sensitive $Cl^-$ channel nor a protein kinase C-mediated regulator **493.P**, 5*S*, 1996

*see Sabirov R. Z., Tominaga T., Miwa A., Okada Y. & Oiki S.* **493.P**, 103*P*, 1996

Oliva P. *see Fuentes O., Oliva P., Vargas C., Jara A., Contreras R. & Sobrevia L.* **493.P**, 91*P*, 1996

Oliveira C. *see Rico M., Lorenzo M. T., Oliveira C., Arnaiz I. & De la Cruz L. F.* **493.P**, 125*S*, 1996

*see Rico M., Lorenzo M. T., Oliveira C., Arnaiz I. & De la Cruz L. F.* **493.P**, 125*S*, 1996

Oliveira N. *see Serrano M. A., Brites D., Monte M. J., Bravo P., Poeiras J., Oliveira N. & Marin J. J. G.* **493.P**, 101*S*, 1996

Olivier E. *see Lemon R. N., Olivier E., Edgley S. A. & Armand J.* **493.P**, 8*S*, 1996

*Olivier E., Maier M. A., Baker S. N., Philbin N., Morris T. & Lemon R. N.* Electrophysiological evidence for direct cortico-motoneuronal (CM) connections in the anaesthetized squirrel monkey (*Saimiri sciureus*) **494.P**, 63*P*, 1996

*see Baker S. N., Olivier E. & Lemon R. N.* **494.P**, 64*P*, 1996

Oliviero A. *see Quartarone A., DiLazzaro V., Oliviero A. & Rothwell J. C.* **493.P**, 36*P*, 1996

Olmo R.

*Olmo R., Socorro J. M., García O., Trigo R. M. & Blanco M. D.* Calorimetric, chromatographic and spectroscopic study of the interaction of lysozyme with zinc, cadmium and mercury salts **493.P**, 140*S*, 1996

*Olmo R., Socorro J. M., Gómez C., Agrasal C. & Teijón J. M.* Influence of the zinc, cadmium and mercury acetates on the aggregation and thermal stability of hexokinase **493.P**, 140*S*, 1996

Olsen N.V. *see Roach R. C., Calbet J. A., Olsen N. V., Poulsen T. D., Vissing S. F. & Saltin B.* **491.P**, 60*P*, 1996

Olver R.E. *see Clunes M. T., Olver R. E. & Kemp P. J.* **493.P**, 108*P*, 1996

*see Monaghan A. S., Kemp P. J. & Olver R. E.* **493.P**, 75*P*, 1996

*see Gambling L., Fyfe G. K., Kemp P. J., Olver R. E. & Baines D. L.* **493.P**, 79*P*, 1996

Onaka T. *see Meddle S. L., Onaka T. & Leng G.* **495.P**, 4*P*, 1996

O'Neill M. *see Nagyova B., Dorrington K. L. & O'Neill M.* **493.P**, 64*P*, 1996

O'Neill S.C. *see Cook S. J., Díaz M. E., Chamunorwa J. P., Lancaster M. K., Trafford A. W., O'Neill S. C. & Eisner D. A.* **494.P**, 111*P*, 1996

*see Buxton N., Overend C. L., Mill J. G., Cook L. J., Cook S. J., O'Neill S. C. & Eisner D. A.* **495.P**, 86*P*, 1996

*see Overend C. L., Mill J. G., Cook L. J., Cook S. J., Eisner D. A. & O'Neill S. C.* **497.P**, 47*P*, 1996

Onodera K. *see Forsythe I. D., Barnes-Davies M., Tsujimoto T., Onodera K. & Takahashi T.* **495.P**, 47*P*, 1996

Opstad K.

*Opstad K., Bull P., Leng G., Melin P. & Russell J. A.* Central and peripheral inhibition of the milk-ejection reflex by a peptide oxytocin antagonist in anaesthetized lactating rats **495.P**, 14*P*, 1996

Orchard C.H. *see Neary P., Steele D. S., Orchard C. H. & Smith G. L.* **497.P**, 7*P*, 1996

*see Hulme J. T. & Orchard C. H.* **497.P**, 46*P*, 1996

*see Bennett K. L. & Orchard C. H.* **497.P**, 47*P*, 1996

*see Hussain M., Drago G. A., Colyer J. & Orchard C. H.* **497.P**, 49*P*, 1996

*see Hussain M. & Orchard C. H.* **497.P**, 56*P*, 1996

*see Fawcett J. M., Hulme J. T., Harrison S. M., Walker J. H. & Orchard C. H.* **497.P**, 57*P*, 1996

Ordaz E.

*Ordaz E., Prieto D., Hernández M., Simonsen U., Fernández J. L. G. & García-Sacristán A.* Role of calcium in the contractile response to KCl, noradrenaline and serotonin of the pig intravesical ureter **493.P**, 167*S*, 1996

O'Regan R.G. *see Langdon M. G., Nolan P., Jones J. F. X. & O'Regan R. G.* **494.P**, 101*P*, 1996

*see Nolan P., Langdon M. G. & O'Regan R. G.* **494.P**, 105*P*, 1996

Orfao A. *see Rodríguez A. I., Manso M. A., García-Montero A. C., Orfao A. & de Dios I.* **493.P**, 100*S*, 1996

O'Riordan D.K.

*O'Riordan D. K., Simpson R. J., Sharp P. A., Debnam E. S. & Srai S. K. S.* Positional changes in iron transport across brush border of isolated rat duodenum following 3 days hypoxia **494.P**, 56*P*, 1996

Ornstein P.L. *see Bleakman D., Schoepp D. D., Lodge D., Ornstein P. L., Bufton H., Sharpe E. F., Thomas K., Ballyk B. & Kamboj R.* **493.P**, 51*P*, 1996

O'Rourke M.

*O'Rourke M. & Docherty J. R.* Effects of diet on vascular and endothelial function in rat aortic rings **493.P**, 81*S*, 1996

Ortega A. *see Aleixandre M. A., Puerro M., López-Miranda V. & Ortega A.* **493.P**, 80*S*, 1996

*see Puerro M., López-Miranda V., Ortega A., Delgado C. & Aleixandre M. A.* **493.P**, 80*S*, 1996

Ortega D. *see Enrich C., Vergés M., Pol A. & Ortega D.* **493.P**, 158*S*, 1996

Ortega E. *see De la Fuente M., del Rio M., Ferrandez M. D., Ortega E., Del Rey A. & Besedovsky H.* **493.P**, 51*S*, 1996

Ortega T.A.

*Ortega T. A., López-Miranda V., Puerro M. & Aleixandre M. A.* The importance of vascular endothelium in the contractions elicited by $\alpha_1$-adrenoceptor agonists and KCl in rabbit aorta **493.P**, 81*S*, 1996

Ortí M. *see Miranda F. J., Salom J. B., Barberá M. D., Ortí M. & Alborch E.* **493.P**, 38*S*, 1996

Ortiz A.

*Ortiz A., Cordero R., Gómez M. M. G., Hernández R. & Mena P.* Oxidative stress in peripheral blood in chronic hepatitis C **493.P**, 105*S*, 1996

*Ortiz A., Cordero R., Gómez M. M. G., Hernández R. & Mena P.* Hepatic oxidative stress in subjects with chronic hepatitis C **493.P**, 105*S*, 1996

Ostadal B. *see Ostadalova I., Kolar F., Ostadal B. & Parratt J. R.* **491.P**, 6*P*, 1996

Ostadalova I.

*Ostadalova I., Kolar F., Ostadal B. & Parratt J. R.* Ischaemic preconditioning in neonatal rat hearts **491.P**, 6*P*, 1996

Ostrow D. *see Bayón J. E., Pascolo L., Ostrow D., Tiribelli C. & González-Gallego J.* **493.P**, 110*S*, 1996

O'Sullivan G. *see Doolan C. M., O'Sullivan G. & Harvey B. J.* **493.P**, 64*P*, 1996

O'Sullivan G.C. *see Winter D. C., Cuffe J., O'Sullivan G. C., Butt A. G. & Harvey B. J.* **493.P**, 67*P*, 1996

Osuna A. *see Vargas F. & Osuna A.* **493.P**, 77*S*, 1996

*see Vargas F., Fernández-Rivas A. & Osuna A.* **493.P**, 78*S*, 1996

Ota D.

*Ota D. & Downing J. E. G.* Cellular distribution of NADPH-diaphorase activity in the retina of Grass goby **495.P**, 58*P*, 1996

Otero E. *see Roig S., Viñals I., Aldasoro M., Medina P., Vila J. M., Otero E. & Lluch S.* **493.P**, 79*S*, 1996

Otun H. *see Scratcherd T., Otun H., Ahmed B., Greenwell J. R., Kotre J. & Gillespie J. I.* **497.P**, 69*P*, 1996

Overend C.L. *see Buxton N., Overend C. L., Mill J. G., Cook L. J., Cook S. J., O'Neill S. C. & Eisner D. A.* **495.P**, 86*P*, 1996

*Overend C. L., Mill J. G., Cook L. J., Cook S. J., Eisner D. A. & O'Neill S. C.* Tetracaine increases sarcoplasmic reticulum calcium content while inhibiting spontaneous release in rat ventricular myocytes **497.P**, 47*P*, 1996

OVERGAARD K.

*OVERGAARD K., NIELSEN O. B. & CLAUSEN T.* Inhibitory effects of changes in extracellular $Na^+$ and $K^+$ on force development in rat soleus muscle exhibit synergy, and are alleviated by acute stimulation of the $Na^+$–$K^+$ pump **491.P**, 131*P*, 1996

OWEN D.G. *see GARRATT J. C. & OWEN D. G.* **491.P**, 149*P*, 1996

*see HEBLICH F. & OWEN D. G.* **494.P**, 57*P*, 1996

OWEN J.M. *see QUINN C., LEACH R., OWEN J. M., ZANG W. J., HOPKINS P., FINDLAY J. B. C. & BOYETT M. R.* **497.P**, 46*P*, 1996

OZCELIK O.

*OZCELIK O., WARD S. A. & WHIPP B. J.* Effect of body $CO_2$ stores on pulmonary gas exchange dynamics during incremental exercise **497.P**, 31*P*, 1996

OZYENER F.

*OZYENER F., WARD S. A. & WHIPP B. J.* The slow phase of $O_2$ uptake kinetics during muscular exercise in sprint- and endurance-trained humans **494.P**, 98*P*, 1996

PABLA R. *see REES S. A., PATERNOSTRO G., PABLA R., STEVENSON S., ADAMS R. J., KNOX K., RADDA G. K., SEVERS N. J. & POWELL T.* **497.P**, 51*P*, 1996

PADOIN E.

*PADOIN E., MEGGIATO C. & DONI M. G.* Endotoxin activates platelets *in vivo* in a model of endotoxin shock in the conscious rat **494.P**, 127*P*, 1996

PADRÓS N.

*PADRÓS N. & PLANAS J. M.* Ontogenetic and regional L-proline transport in chicken small intestine **493.P**, 109*S*, 1996

PAGAKIS S.N.

*PAGAKIS S. N., LEE S.-J. & NYE P. C. G.* Simultaneous confocal imaging and myography of isolated rings of small pulmonary blood vessels during hypoxic vasoconstriction **497.P**, 80*P*, 1996

PAGE K.R. *see BEDRI B. A., PAGE K. R. & MCEWAN G. T. A.* **493.P**, 88*P*, 1996

*PAGE K. R., BUSH P. G., MAYHEW T. M., ABRAMOVICH D. R., AGGETT P. J. & BURKE M. D.* The effects of maternal smoking and tobacco composition on placental functional morphology **494.P**, 39*P*, 1996

PAGLIARO P. *see GATTULLO D., LINDEN R. J., LOSANO G. & PAGLIARO P.* **494.P**, 97*P*, 1996

PAKHOMOV S.V. *see VOROBYEV V. A., MEDVEDEV S. V., PAKHOMOV S. V., ROKHLIN A. S., ROUDAS M. S. & KOROTKOV A. D.* **491.P**, 179*P*, 1996

PALAZZO M.G.A. *see THOMSON S., CORDINGLEY J. J., SEMPLE S. J. G., PALAZZO M. G. A. & CROSS B. A.* **493.P**, 2*P*, 1996

PALLARDÓ F.V. *see VIÑA J., DE LA ASUNCIÓN J. G., MILLÁN A., BRUSEGHINI L., PALLARDÓ F. V. & SASTRE J.* **491.P**, 44*P*, 1996

*see VIÑA J., PALLARDÓ F. V., SASTRE J., ASENSI M., DE LA ASUNCIÓN J. G. & MILLÁN A.* **493.P**, 57*S*, 1996

PALLARÉS I. *see GÓMEZ-AYALA A. E., LISBONA F., HARTITI S., LÓPEZ-ALIAGA I., PALLARÉS I., RODRIGUEZ MATAS M. C. & CAMPOS M. S.* **493.P**, 110*S*, 1996

*see LISBONA F., LAMENCA B., LÓPEZ-ALIAGA I., PALLARÉS I., GÓMEZ-AYALA H. E., HARTITI S., RODRIGUEZ MATAS M. C. & CAMPOS M. S.* **493.P**, 110*S*, 1996

PALLOT D. *see JUMA L., SINGH J., HUSSAIN B., PALLOT D. & ADEGHATE E.* **493.P**, 89*P*, 1996

PALMER A.M. *see TRIBE R. M., PALMER A. M., THOMAS C. R. & POSTON L.* **491.P**, 14*P*, 1996

PALMER M.J. *see IRVING A. J., PALMER M. J., HARVEY J., SEABROOK G. R. & COLLINGRIDGE G. L.* **495.P**, 49*P*, 1996

PALMER S.

*PALMER S. & KENTISH J. C.* The effects of caffeine and CGP 48506 on the relaxation rate of skinned trabeculae isolated from rat ventricles **491.P**, 162*P*, 1996

PALOMERO M.F. *see MONTE M. J., MORALES A. I., ALVARO I., MACIAS R. I. R., PALOMERO M. F., EL-MIR M. Y. & MARIN J. J. G.* **493.P**, 163*S*, 1996

PAMBAKIAN P.S.

*PAMBAKIAN P. S., JAGGER E., BEEBY J. H., TORSNEY C. & HENDERSON Z.* Investigation of cholinergic sprouting in the dentate gyrus following entorhinal cortex lesion in the rat **497.P**, 100*P*, 1996

PAMPLONA R. *see PORTERO M., PAMPLONA R., BELLMUNT M. J., NAGARAJ R. H., MONNIER V. M. & PRAT J.* **493.P**, 60*S*, 1996

*see BELLMUNT M. J., PORTERO M., PAMPLONA R., COSSO L., ODETTI P. & PRAT J.* **493.P**, 62*S*, 1996

PANCETTI F. *see BACHS O., AGELL N., BOSSER R., CASTRO A., FAURA M., JAUMOT M., PANCETTI F., PUJOL M. J. & RIUS E.* **493.P**, 158*S*, 1996

PANG H.C. *see AU C. L., CHUNG H. S., PANG H. C. & CHAN L. F.* **497.P**, 71*P*, 1996

PANTALONI A. *see HUSSY N., DELEUZE C., PANTALONI A., DESARMÉNIEN M. G. & MOOS F.* **495.P**, 119*P*, 1996

PAPE H.-C.

*PAPE H.-C.* From queer current to pacemaker: the hyperpolarization-activated cation current in thalamic neurones **491.P**, 12*S*, 1996

PARIENTE J.A. *see GONZÁLEZ A., SALIDO G. M., PARIENTE J. A. & CAMELLO P. J.* **493.P**, 152*S*, 1996

*PARIENTE J. A., CAMELLO C., GONZÁLEZ A., CAMELLO P. J. & SALIDO G. M.* Histamine and stimulus–secretion pathways in isolated guinea-pig pancreatic acinar cells **493.P**, 154*S*, 1996

*see ALCON S., ROSADO J. A., PARIENTE J. A., GARCÍA L. J. & POZO M. J.* **493.P**, 155*S*, 1996

*see LAJAS A. I., POZO M. J., SALIDO G. M. & PARIENTE J. A.* **493.P**, 155*S*, 1996

PARK M.K.

*PARK M. K., LEE S. H., HO W.-K. & EARM Y. E.* The role of voltage-dependent K (Kv) channels in resting membrane potential of isolated rabbit pulmonary arterial smooth muscle cells **497.P**, 77*P*, 1996

PARKER A. *see LI Q., PARKER A., HORNBY D. & WHITE S. J.* **493.P**, 92*P*, 1996

PARKER C. *see STRICKLAND C., PARKER C., BEAMISH N. & ABBOTT N. J.* **491.P**, 106*P*, 1996

PARKER D.R.

*PARKER D. R., BARGIOTTA A., HALLIWELL M. & CORRALL R. J. M.* Superior mesenteric artery blood flow (SMABF) following hypoglycaemia in man: evidence against pancreatic glucagon as a mediator **495.P**, 128*P*, 1996

PARKER R.M.C. *see FLEETWOOD-WALKER S. M., PARKER R. M. C. & MUNRO F. E.* **491.P**, 16*S*, 1996

PARKES M.J. *see BODEN A. G., PARKES M. J. & HARRIS M. C.* **493.P**, 33*P*, 1996

*see BODEN A. G., PARKES M. J. & HARRIS M. C.* **497.P**, 27*P*, 1996

PARKINS C.S.

*PARKINS C. S., HILL S. A., STRATFORD M. R. L., DENNIS M. F. & CHAPLIN D. J.* Oxidative stress and vascular function within solid tumours: role of nitric oxide and oxygen radicals **491.P**, 10*P*, 1996

PARKINSON L.

*PARKINSON L., AMIN A. M., MOHAMED H., DAGENS S., O'CONNELL J., REILLY A., SEXTON S., SHIELS G. & BELL C.* Comparison of lung volumes in Irish and Malaysian human subjects **495.P**, 143*P*, 1996

PARKINSON N.A.

*PARKINSON N. A., MASON W. & BOLSOVER S.* Calcium movement through the nuclear envelope in rat DRG cells **495.P**, 65*P*, 1996

PARRATT J.R. *see OSTADALOVA I., KOLAR F., OSTADAL B. & PARRATT J. R.* **491.P**, 6*P*, 1996

*see FATEHI-HASSANABAD Z., FURMAN B. L. & PARRATT J. R.* **494.P**, 112*P*, 1996

*see AHMAD M., ZEITLIN I. J., PARRATT J. R., VALEN G., TAKESHIMA S. & VAAGE J.* **494.P**, 116*P*, 1996

PARRY-BAGGOTT C. *see CLARKE R. W., HOUGHTON A. K., PARRY-BAGGOTT C. & OGILVIE J.* **493.P**, 41*P*, 1996

*see CLARKE R. W., OGILVIE J., PARRY-BAGGOTT C. & VOCE A.* **495.P**, 23*P*, 1996

PARVEEN S. *see TARE M., GORDIENKO D. V., PARVEEN S., FENECH C., ROBINSON C. & BOLTON T. B.* **491.P**, 90*P*, 1996

PÁSARO R. *see NÚÑEZ-VÁZQUEZ E., FRUGIÈRE A., PÁSARO R. & BARILLOT J. C.* **493.P**, 80*S*, 1996

*see GAYTÁN S. P. & PÁSARO R.* **493.P**, 92*S*, 1996

PASCOLO L. *see BAYÓN J. E., PASCOLO L., OSTROW D., TIRIBELLI C. & GONZÁLEZ-GALLEGO J.* **493.P**, 110*S*, 1996

PASCUAL-LEONE A.M. *see AGOTE M., ESCRIVÁ F., GOYA L., ÁLVAREZ C., MARTÍN M. A. & PASCUAL-LEONE A. M.* **493.P**, 135*S*, 1996

PASQUIER C.

*PASQUIER C., FRANZINI E., SELLAK H. & HAKIM J.* Polymorphonuclear neutrophil adherence to endothelial cells is up-regulated by reactive oxygen species and down-regulated by cAMP **491.P**, 44*P*, 1996

PASTOR A.

*PASTOR A., ALMAR M., COLLADO P. S. & GONZÁLEZ-GALLEGO J.* Antioxidant defenses in biliary-obstructed rats: effects of *S*-adenosyl-methionine (SAM) **493.P**, 133*S*, 1996

PASTOR M.

*PASTOR M., DE LA CRUZ R. R. & BAKER R.* Signal processing by brainstem neurons during spontaneous and nystagmic eye movements in the goldfish **493.P**, 14*S*, 1996

PASTOR M.A.

*PASTOR M. A. & ARTIEDA J.* Cortical oscillatory behaviour to auditory repetitive stimulation in man **493.P**, 22*S*, 1996

PASTOR-ANGLADA M.

*PASTOR-ANGLADA M., CASADO J., FELIPE A., DEL SANTO B. & TARAFA G.* Changes in plasma membrane transport systems during proliferation of liver parenchymal cells **493.P**, 159*S*, 1996

PATEL M.

*PATEL M., ECONOMIDES A. & BYRNE N.* Electrophysiological effects of the ischaemic metabolite palmitoyl carnitine in isolated perfused rabbit hearts and rabbit papillary muscles **497.P**, 77*P*, 1996

PATERNAIN A.V. *see LERMA J., PATERNAIN A. V., MORALES M. & VICENTE M. A.* **493.P**, 27*S*, 1996

PATERNOSTRO G. *see REES S. A., PATERNOSTRO G., PABLA R., STEVENSON S., ADAMS R. J., KNOX K., RADDA G. K., SEVERS N. J. & POWELL T.* **497.P**, 51*P*, 1996

PATERSON D.J. *see HEINERT G., PATERSON D. J. & NYE P. C. G.* **491.P**, 7*P*, 1996

*see HEINERT G., NYE P. C. G. & PATERSON D. J.* **495.P**, 159*P*, 1996

*see SEARS C. E. & PATERSON D. J.* **495.P**, 167*P*, 1996

PATERSON K. *see VOGIATZIS I., PATERSON K., SKEATS M. & JENNETT S.* **491.P**, 58*P*, 1996

PATON J.F.R. *see RICHMOND S. J. & PATON J. F. R.* **493.P**, 12*P*, 1996

*PATON J. F. R.* Working mouse heart–brainstem preparation for studying cardiorespiratory regulation in an *in vitro* milieu **493.P**, 2*P*, 1996

*see BUTCHER J. W. & PATON J. F. R.* **497.P**, 75*P*, 1996

*see KASPAROV S. & PATON J. F. R.* **497.P**, 76*P*, 1996

*PATON J. F. R.* Convergence characteristics of solitary tract neurones receiving synaptic inputs from cardiac receptors in a working heart–brainstem preparation of mature mice **497.P**, 76*P*, 1996

*PATON J. F. R.* Apnoeic rhythm of respiratory neurones in mature mice **497.P**, 4*S*, 1996

PATRINI C.

*PATRINI C., LAFORENZA U., GASTALDI G., VERRI A., FERRARI G. & RINDI G.* Effect of insulin on thiamine intestinal transport in rat everted jejunal sacs **493.P**, 100*S*, 1996

PATTERSON A.M. *see LEIZEA J. P., GONZÁLEZ C., GRUESO N. A., DÍAZ F., FERNÁNDEZ S. & PATTERSON A. M.* **493.P**, 120*S*, 1996

PAULSEN O.

*PAULSEN O. & VIDA I.* Sustained dendritic oscillations at theta frequencies elicited in CA1 pyramidal cells in rat hippocampal slices **495.P**, 50*P*, 1996

PAWELZIK H. *see ALI A., DEUCHARS J., HAHN J., PAWELZIK H., WEST D. & THOMSON A. M.* **494.P**, 11*P*, 1996

PAZO J.A. *see LÓPEZ C., RICO M., RODRÍGUEZ M. E., PLANES C. & PAZO J. A.* **493.P**, 112*S*, 1996

*see RODRÍGUEZ M. E., LORENZO M. T., LÓPEZ C., VÁZQUEZ L. A. & PAZO J. A.* **493.P**, 112*S*, 1996

PEACOCK A.J. *see SCOTT P. H., BELHAM C. M., PEACOCK A. J. & PLEVIN R.* **491.P**, 3*S*, 1996

PEACOCK S.D. *see PRICE D. J., LOTTO R. B., PEACOCK S. D., CLAUSEN J. A., CASES O. & WARREN N.* **495.P**, 7*S*, 1996

PEARSON G.T.

*PEARSON G. T., THOMSEN L. & SKADHAUGE E.* Electrophysiological profiles and differentiation of function in the submucous plexuses of the newborn pig small intestine **495.P**, 101*P*, 1996

PEARSON J.D. *see JAY M. T., CHIRICO S., BRUCKDORFER R., JACOBS M., LEAKE D. S., PEARSON J. D. & MANN G. E.* **491.P**, 9*P*, 1996

*see WHEELER-JONES C. P. D., HOULISTON R. A., MORGAN A. J. & PEARSON J. D.* **491.P**, 12*P*, 1996

*see MAY M. J., WHEELER-JONES C. P. D. & PEARSON J. D.* **491.P**, 13*P*, 1996

*see SIOW R. C. M., SATO H., PEARSON J. D. & MANN G. E.* **491.P**, 31*P*, 1996

*see CHIRICO S., JAY M. T., MANN G. E., PEARSON J. D., JACOBS M. & BRUCKDORFER K. R.* **491.P**, 33*P*, 1996

PEARSON J.P. *see DIXON J., JORDAN N., DETTMAR P. W., PEARSON J. P. & ALLEN A.* **495.P**, 105*P*, 1996

PEARSON J.S.

*PEARSON J. S., STRATTON E., ROBERTS A., VARLEY J. S. & COTTERRELL D.* Field trials of a prototype ambulatory breath-by-breath $CO_2$ monitor used by athletes **491.P**, 3*P*, 1996

PECHET C. *see ARNAL J. F., CLAMENS S., PECHET C., NEGRE-SALVAYRE A., ALLERA C., GIROLAMI J.-P., SALVAYRE R. & BAYARD F.* **491.P**, 18*P*, 1996

PEDDER S.M.

*PEDDER S. M., CHEN M. L., MUNEOKA Y. & WALKER R. J.* The action of GSPYFVamide and related peptides on identified central neurones of the snail, *Helix aspersa* **491.P**, 108*P*, 1996

*PEDDER S. M., MUNEOKA Y. & WALKER R. J.* Investigations into the role of cGMP and nitric oxide in the action of GSPYFVamide on identified central neurons of the snail, *Helix aspersa* **495.P**, 39*P*, 1996

PEDERSEN M.E.F. *see TANSLEY J. G., CLAR C., PEDERSEN M. E. F. & ROBBINS P. A.* **494.P**, 93*P*, 1996

*PEDERSEN M. E. F., DORRINGTON K. L. & ROBBINS P. A.* Effects of haloperidol on ventilation during isocapnic hypoxia in humans **497.P**, 23*P*, 1996

*see TANSLEY J. G., PEDERSEN M. E. F., CLAR C. & ROBBINS P. A.* **497.P**, 24*P*, 1996

*see CLAR C., PEDERSEN M. E. F., POULIN M. J., TANSLEY J. G. & ROBBINS P. A.* **497.P**, 71*P*, 1996

PEDIANI J.D.

*PEDIANI J. D., MCGRATH J. C. & WILSON S. M.* Pertussis toxin prevents desensitization of P2U receptor-mediated calcium signals in cultured, rat aortic smooth muscle cells **495.P**, 173*P*, 1996

PEDRAZA P. *see MARTINEZ-GALAN J. R., ALTIMIRAS M. S., PEDRAZA P., DEL REY F. E., MORREALE DE ESCOBAR G. & RUIZ-MARCOS A.* **493.P**, 126*S*, 1996

PEERS C. *see HATTON C. J. & PEERS C.* **491.P**, 50*P*, 1996

*see HATTON C. J. & PEERS C.* **493.P**, 17*P*, 1996

*see MCDONALD R. L., VAUGHAN P. F. T. & PEERS C.* **493.P**, 45*P*, 1996

*see CARPENTER E., HATTON C. J., PEPPER D. R., KUMAR P. & PEERS C.* **497.P**, 26*P*, 1996

*see KHAN N., PEERS C. & VAUGHAN P. F. T.* **497.P**, 119*P*, 1996

*see ROBERTS D. J., MCDONALD R. L., PEERS C. & VAUGHAN P. F. T.* **497.P**, 119*P*, 1996

PEINEAU N. *see MIJARES A., PEINEAU N., MALÉCOT C. O. & ARGIBAY J.* **494.P**, 113*P*, 1996

PELC R.

*PELC R., SMITH P. J. S. & ASHLEY C. C. In vivo* recording of calcium fluxes accompanying 'catch' contraction of molluscan smooth muscle **497.P**, 41*P*, 1996

PELEGRÍ C. *see CAROL M., RODRÍGUEZ-PALMERO M., PELEGRÍ C., FERRI M. J., FRANCH A., GARCÍA-VALERO J., CASTELLOTE C. & CASTELL M.* **493.P**, 109*S*, 1996

*PELEGRÍ C., RODRÍGUEZ-PALMERO M., MORANTE M. P., COMAS J., CASTELL M. & FRANCH A.* Comparison of four lymphocyte isolation methods applied to rat subpopulation T and B cells **493.P**, 109*S*, 1996

PELHAM H.

*PELHAM H., LEWIS M. & RAYNER J.* Protein sorting in the early stages of the secretory pathway **494.P**, 3*S*, 1996

PELLING C.W.A. *see BARNETT T. G., PELLING C. W. A. & ROSENBERG M. E.* **494.P**, 3*P*, 1996

PEPPER D.R. *see LANDAUER R. C., CONWAY A. F., PEPPER D. R. & KUMAR P.* **497.P**, 25*P*, 1996

*see CARPENTER E., HATTON C. J., PEPPER D. R., KUMAR P. & PEERS C.* **497.P**, 26*P*, 1996

PÉREZ C. *see TORRES M. D., CANAL J. R., DOMÍNGUEZ E., CAMPILLO J. E., ROMERO A. & PÉREZ C.* **493.P**, 15*S*, 1996

*see CANAL J. R., DOMÍNGUEZ E., TORRES M. D., CAMPILLO J. E., ROMERO A. & PÉREZ C.* **493.P**, 136*S*, 1996

PEREZ H. *see RODRIGUEZ-FERRER C. R., MUROS DE FUENTES M., PEREZ H. & OAKNIN S.* **493.P**, 79*S*, 1996

PÉREZ M.

*PÉREZ M., BERJÓN A., BARBER A. & PONZ F.* Hypertonic solutions, cytoskeletal inhibitors and intracellular mediators affect intestinal paracellular permeability *in vitro* **493.P**, 103*S*, 1996

PÉREZ M.C. *see INGLÉS A. C., HERNÁNDEZ I., PÉREZ M. C., QUESADA T. & CARBONELL L. F.* **493.P**, 70*S*, 1996

PÉREZ-BARRIOCANAL F. *see DÍEZ-PANERO L. M., ELENO N., RODRÍGUEZ-LÓPEZ A., MACLAUGHLIN M., PÉREZ-BARRIOCANAL F. & LÓPEZ-NOVOA J. M.* **493.P**, 88*S*, 1996

PÉREZ-CAMPO R. *see ROJAS C., CADENAS S., PÉREZ-CAMPO R., LÓPEZ-TORRES M. & BARJA G.* **493.P**, 136*S*, 1996

*see ROJAS C., CADENAS S., PÉREZ-CAMPO R., LÓPEZ-TORRES M. & BARJA G.* **493.P**, 136*S*, 1996

PÉREZ-MORENO A.

*PÉREZ-MORENO A., SÁNCHEZ-DEL-PINO M. J., LUNA-GÁLVEZ S., GÓMEZ-GÓMEZ C. & NAVARRO-ARÉVALO A.* Aerobic physical exercise and nutritional status. Influence on oxidative balance **493.P**, 135*S*, 1996

PEREZ-REDONDO J.

*PEREZ-REDONDO J., AREVALO F., ABAIGAR T. & PEREZ-SUAREZ G.* Oxygen transport in the Saharian gazelle *Gacella dorcas neglecta*. An adaptation to high environmental temperatures of the Sahara desert **493.P**, 92*S*, 1996

PÉREZ ROMERO A. *see ROL DE LAMA M. A., PÉREZ ROMERO A., TRESGUERRES J. A. F. & ARIZNAVARRETA C.* **493.P**, 121*S*, 1996

PEREZ-SUAREZ G. *see PEREZ-REDONDO J., AREVALO F., ABAIGAR T. & PEREZ-SUAREZ G.* **493.P**, 92*S*, 1996

PERL E. R. *see LAWSON S. N., CREPPS B. & PERL E. R.* **491.P**, 16*S*, 1996

*see LAWSON S. N., CREPPS B., BUCK H. & PERL E. R.* **493.P**, 45*P*, 1996

PERRET C. *see SAMAIN E., DAGHER G., PERRET C., MORIN E., SAFAR M. & RENAUD J. F.* **491.P**, 163*P*, 1996

PERRINS R. *see SOFFE S. R. & PERRINS R.* **493.P**, 38*P*, 1996

PERRY A.J. *see STUBBS T. A., EVANS A. E., PERRY A. J., HAWKINS M. & MACDONALD I. A.* **491.P**, 66*P*, 1996

PERRY M.E. *see DOWNING J. E. G., SIMON M. J., AL-ASAM H., MUSTAFA Y. & PERRY M. E.* **495.P**, 130*P*, 1996

PERTUSA J.G.

*PERTUSA J. G., MARTIN F. & SORIA B.* Effect of intracellular alien chelators in secretagogue-induced insulin release **493.P**, 156*S*, 1996

PESCADOR R.

*PESCADOR R., MANSO M. A., REBOLLO A. J., RODRÍGUEZ A. I., GARCÍA-MONTERO A. C. & DE DIOS I.* Administration of hydrocortisone prior to caerulein-induced acute pancreatitis. Effect of L-364,718 **493.P**, 111*S*, 1996

*PESCADOR R., MANSO M. A., REBOLLO A. J., GARCÍA-MONTERO A. C., RODRÍGUEZ A. I. & DE DIOS I.* Effect of chronic treatment with hydrocortisone on the development and evolution of oedematous acute pancreatitis. Effect of L-364,718 **493.P**, 112*S*, 1996

PESSIA M. *see TUCKER S. J., PESSIA M. & ADELMAN J. P.* **495.P**, 90*P*, 1996

PETER G.J.

*PETER G. J., AHMED A. & TAYLOR P. M.* Activation of protein kinase C in *Xenopus* oocytes by phorbol 12-myristate, 13-acetate downregulates NBAT-induced arginine uptake **493.P**, 103*P*, 1996

PETERS J.A. *see BROWN A. M., HOPE A. G., PETERS J. A. & LAMBERT J. J.* **495.P**, 85*P*, 1996

PETERSEN O.H.

*PETERSEN O. H.* Local cytosolic $Ca^{2+}$ signals evoke exocytotic responses in pancreatic acinar cells **493.P**, 148*S*, 1996

PETIT J.

*PETIT J., REYNOLDS K. J. & SCOTT J. J. A.* The Golgi tendon organ as a load receptor? Responses to steady-state isotonic contractions in the anaesthetized cat **491.P**, 118*P*, 1996

PETKOV G.V.

*PETKOV G. V., DURIDANOVA D. B., GAGOV H. S. & BOEV K. K.* Role of the $Na^+$–$Ca^{2+}$ exchanger in maintaining the tone of isolated guinea-pig gastric fundus smooth muscle **497.P**, 53*P*, 1996

PETRUCHUK T.A. *see VASILENKO V. Y., PETRUCHUK T. A. & GOURINE V. N.* **497.P**, 117*P*, 1996

PEUCHEN S. *see DUCHEN M. R., LEYSSENS A., MOJET M. H. & PEUCHEN S.* **494.P**, 6*P*, 1996

PÉVET P. *see MIGUEZ J. M., SIMONNEAUX V. & PÉVET P.* **493.P**, 125*S*, 1996

PHANEUF S. *see EUROPE-FINNER G. N., PHANEUF S., MARDON H. J. & LÓPEZ BERNAL A.* **491.P**, 166*P*, 1996

*see ASBÓTH G., PHANEUF S. & LÓPEZ BERNAL A.* **491.P**, 167*P*, 1996

*PHANEUF S., CARRASCO M. P., ASBÓTH G., EUROPE-FINNER G. N., HAMILTON C. H. & LÓPEZ BERNAL A.* G proteins and phospholipase C isoforms in human myometrial cells. Implication for oxytocin action **491.P**, 169*P*, 1996

*see CARRASCO M.P., PHANEUF S., ASBÓTH G. & LÓPEZ BERNAL A.* **491.P**, 170*P*, 1996

PHILBIN N. *see OLIVIER E., MAIER M. A., BAKER S. N., PHILBIN N., MORRIS T. & LEMON R. N.* **494.P**, 63*P*, 1996

PHILLIPS S.K.

*PHILLIPS S. K., LEVY D., YEO A., WOLEDGE R. C., BRUCE S. A., MARTIN F. C. & YOUNG A.* A comparison of adductor pollicis muscle strength in healthy young women, healthy elderly women and female hip fracture patients **494.P**, 134*P*, 1996

PHUL R.K.

*PHUL R. K. & SMITH M. E.* Nitric oxide synthase in the cervical spinal cord in normal and dystrophic C57BL/6J mice *in vitro* **491.P**, 143*P*, 1996

*PHUL R. K. & SMITH M. E. N*-methyl-D-aspartate receptors in the cervical spinal cord in normal and dystrophic C57BL/6J mice *in vitro* **491.P**, 149*P*, 1996

PICCO C. *see MENINI A., PICCO C. & GAVAZZO P.* **491.P**, 10*S*, 1996

PICKERING H.

*PICKERING H. & SUGDEN D.* The 2-[$^{125}$I]iodomelatonin binding site in chicken peripheral tissues is the $ML_1$ subtype **491.P**, 177*P*, 1996

PIÉ A. JR *see PIÉ J., ROSERO I., GARCÍA J. J., PIÉ A. JR, JUSTE M. G., MARTÍNEZ-BALLARÍN E., GROS P. & HERRERA E.* **493.P**, 120*S*, 1996

PIÉ J.

*PIÉ J., ROSERO I., GARCÍA J. J., PIÉ A. JR, JUSTE M. G., MARTÍNEZ-BALLARÍN E., GROS P. & HERRERA E.* Effects of insulin on lipid synthesis *in situ* in periuterine adipose tissue in the late pregnant rat **493.P**, 120*S*, 1996

PIERAU FR.-K. *see BASILE S., LADEWIG S., PIERAU FR.-K. & LYNN B.* **494.P**, 45*P*, 1996

PIERREFICHE O. *see RICHTER D. W., LALLEY P., PIERREFICHE O. & SCHWARZACHER S.* **494.P**, 16*S*, 1996

*PIERREFICHE O., HAJI A. & RICHTER D. W. In vivo* study of voltage-dependent $Ca^{2+}$ channels in respiratory neurones **497.P**, 22*P*, 1996

PILLAI J.M.

*PILLAI J. M., KOBAYASHI I., WALTER S. J., ADAMS L. & MURPHY K.* The effect of posture on the ventilatory response following bicycle exercise in man **495.P**, 138*P*, 1996

PIÑA-CRESPO J.C.

*PIÑA-CRESPO J. C. & GIBB A. J.* Single channel properties of NMDA receptors in striatal and hippocampal granule cells from 0-day-old rats **493.P**, 48*P*, 1996

PINILLA L. *see TENA M., PINILLA L. & AGUILAR E.* **493.P**, 123*S*, 1996

PINNOCK R.D. *see KNIBBS D., WOODRUFF G. N., DAUM P. & PINNOCK R. D.* **493.P**, 47*P*, 1996

PINTOR J.

*PINTOR J., KING B. F., WANG S., ZIGANSHIN A. U., ZIGANSHINA L. E., MIRAS-PORTUGAL M. T. & BURNSTOCK G.* A novel $P_1$ purinoceptor activates $I_K$ in folliculated oocytes of *Xenopus laevis* frogs **493.P**, 153*S*, 1996

*see KING B. F., ZIGANSHINA L. E., PINTOR J., WILDMAN S. S. & BURNSTOCK G.* **494.P**, 77*P*, 1996

PIPER T.P. *see LUKYANETZ E. A., PIPER T. P., DOLPHIN A. C. & SIHRA T. S.* **494.P**, 79*P*, 1996

PIRIE L. *see DAVIES A., PIRIE L. & EYRE-TODD R. A.* **495.P**, 158*P*, 1996

PITSILADIS Y.P.

*PITSILADIS Y. P. & MAUGHAN R. J.* The effects of exercise–diet manipulation on the capacity to perform cycling exercise in the heat and the cold in trained humans **491.P**, 61*P*, 1996

*PITSILADIS Y. P., DAVIDSON I. & MAUGHAN R. J.* The effects of exercise and diet manipulation on plasma concentrations of free tryptophan and branched-chain amino acids during cycling exercise in trained humans **495.P**, 134*P*, 1996

PIZZORUSSO T. *see MAFFEI L., FAGIOLINI M. & PIZZORUSSO T.* **495.P**, 7*S*, 1996

PLANAS J.M. *see PADRÓS N. & PLANAS J. M.* **493.P**, 109*S*, 1996

PLANELLES G. *see BOUYER P., THOMAS S. R., COUGNON M., EDELMAN A., ANAGNOSTOPOULOS T. & PLANELLES G.* **493.P**, 99*P*, 1996

*see MOHAMMAD-PANAH R., LIPECKA J., FANEN P., BAUDOUIN-LEGROS M., BARÓ I., PLANELLES G. & EDELMAN A.* **493.P**, 101*P*, 1996

PLANES C. *see LÓPEZ C., RICO M., RODRÍGUEZ M. E., PLANES C. & PAZO J. A.* **493.P**, 112*S*, 1996

PLATT B.

*PLATT B. & WITHINGTON D. J.* Short-term plasticity in the superior colliculus *in vitro* **497.P**, 65*P*, 1996

PLATZ T.

*PLATZ T., BROWN R. G. & MARSDEN C. D.* Task difficulty and motor learning with aiming movements in humans: motor schema and efficiency of motor control **493.P**, 37*P*, 1996

PLAZA M.A. *see GUERRERO-LINDNER E., PLAZA M. A., ARRUEBO M. P. & MURILLO M. D.* **493.P**, 107*S*, 1996

PLEVIN R. *see SCOTT P. H., BELHAM C. M., PEACOCK A. J. & PLEVIN R.* **491.P**, 3*S*, 1996

PLUCIENNIK F. *see VERRECCHIA F., PLUCIENNIK F. & HERVÉ J. C.* **494.P**, 115*P*, 1996

POCOCK A.E. *see MOBASHERI A., GOLDING S., POCOCK A. E., ELLORY J. C., HALL A. C., URBAN J. P. G. & FRANCIS M. J. O.* **494.P**, 59*P*, 1996

POEIRAS J. *see SERRANO M. A., BRITES D., MONTE M. J., BRAVO P., POEIRAS J., OLIVEIRA N. & MARIN J. J. G.* **493.P**, 101*S*, 1996

Pol A. *see* Enrich C., Vergés M., Pol A. & Ortega D. **493.P**, 158*S*, 1996

Polkey C.E. *see* Alarcón G., García Seoane J. J., Juler J., Binnie C. D., Polkey C. E., Elwes R. D. C. & Blasco J. O. **493.P**, 30*S*, 1996

Polkey M.I.
*Polkey M. I., Kyroussis D., Hughes P. D., Rafferty G. F., Green M. & Moxham J.* Force–frequency relationship of the human diaphragm assessed *in vivo* using paired magnetic stimuli **494.P**, 92*P*, 1996

Pollak P. *see* Benchetrit G., Gentil M., Moldovanou I., Eberhard A., Pollak P., Vovk V., Couliart V. & Bachy J. P. **497.P**, 28*P*, 1996

Pongs O. *see* Stansfeld C. E., Röper J., Ludwig J., Weseloh R. M., Marsh S. J., Brown D. A. & Pongs O. **491.P**, 89*P*, 1996

Ponnambalam S. *see* Girotti M., Roquemore E., Ponnambalam S. & Banting G. **494.P**, 4*S*, 1996

Ponz F. *see* Pérez M., Berjón A., Barber A. & Ponz F. **493.P**, 103*S*, 1996

Poo M.-M.
*Poo M.-M.* Rapid functional modulation of developing neuromuscular synapses by electrical activity and neurotrophic factors **495.P**, 4*S*, 1996

Porras A. *see* Segovia G., Porras A. & Mora F. **493.P**, 19*S*, 1996
*Porras A. & Mora F.* Glutamate and brain ageing **493.P**, 56*S*, 1996

Porter D.W.F. *see* Baldwin L. M., Porter D. W. F. & Grundy D. **495.P**, 104*P*, 1996

Portero M.
*Portero M., Pamplona R., Bellmunt M. J., Nagaraj R. H., Monnier V. M. & Prat J.* Ageing of proteins: urinary excretion for pyrraline (ε-2-(formyl-5-hydroxymethyl-pyrrol-1-yl)-L-norleucine) formed during Maillard reaction *in vivo* **493.P**, 60*S*, 1996
*see* Bellmunt M. J., Portero M., Pamplona R., Cosso L., Odetti P. & Prat J. **493.P**, 62*S*, 1996

Porteros A. *see* Bravo I. G., Arévalo R., Crespo C., Porteros A., Briñón J. G., Aijón J. & Alonso J. R. **493.P**, 40*S*, 1996
*see* Crespo C., Porteros A., Arévalo R., Bravo I. G., Ojeda E., Aijón J. & Alonso J. R. **493.P**, 40*S*, 1996
*Porteros A., Crespo C., Bravo I. G., Briñón J. G., Arévalo R., Aijón J. & Alonso J. R.* Differential nitrergic modulation in the olfactory bulb of macrosmatic and microsmatic mammals **493.P**, 40*S*, 1996

Portillo F. *see* Carrasco M., Vallo J. J. & Portillo F. **493.P**, 53*S*, 1996

Poston L. *see* Jones G. & Poston L. **491.P**, 167*P*, 1996
*see* Tribe R. M., Palmer A. M., Thomas C. R. & Poston L. **491.P**, 14*P*, 1996

Pott L. *see* Bünemann M., Brandts B., Tigyi G., Liliom K. & Pott L. **495.P**, 169*P*, 1996

Potts D.J. *see* Ahmad N., Fowler M., Lodge J. P. A. & Potts D. J. **493.P**, 98*P*, 1996
*see* Ahmad N., Lodge J. P. A. & Potts D. J. **497.P**, 89*P*, 1996
*see* Ahmad N., Lodge J. P. A. & Potts D. J. **497.P**, 93*P*, 1996

Poucher S.M. *see* Timmons J. A., Poucher S. M., Constantin-Teodosiu D., Macdonald I. A. & Greenhaff P. L. **491.P**, 62*P*, 1996
*see* Timmons J. A., Poucher S. M., Constantin-Teodosiu D., Macdonald I. A. & Greenhaff P. L. **491.P**, 126*P*, 1996

Poulin M.J. *see* Howard L. S. G. E., Poulin M. J. & Robbins P. A. **491.P**, 51*P*, 1996
*see* Clar C., Pedersen M. E. F., Poulin M. J., Tansley J. G. & Robbins P. A. **497.P**, 71*P*, 1996

Poulsen T.D. *see* Roach R. C., Calbet J. A., Olsen N. V., Poulsen T. D., Vissing S. F. & Saltin B. **491.P**, 60*P*, 1996

Powell J.J. *see* Campbell M. M., McCrohan C. R., White K. N. & Powell J. J. **495.P**, 34*P*, 1996

Powell T. *see* Rees S. A., Wright A. R. & Powell T. **495.P**, 166*P*, 1996
*see* Wright A. R., Rees S. A. & Powell T. **495.P**, 168*P*, 1996
*see* Rees S. A., Paternostro G., Pabla R., Stevenson S., Adams R. J., Knox K., Radda G. K., Severs N. J. & Powell T. **497.P**, 51*P*, 1996

Powell T.L. *see* Doughty I. M., Glazier J. D., Powell T. L., Jansson T. & Sibley C. P. **494.P**, 31*P*, 1996

Pozo M.J. *see* Alcon S., Rosado J. A., Pariente J. A., García L. J. & Pozo M. J. **493.P**, 155*S*, 1996
*see* Lajas A. I., Pozo M. J., Salido G. M. & Pariente J. A. **493.P**, 155*S*, 1996

Pozzan T. *see* Rutter G. A., Burnett P., Brini M., Pozzan T., Tavaré J. M., Denton R. M. & Rizzuto R. **493.P**, 16*P*, 1996

Prabakaran D. *see* Kuliawat R., Huang X. F., Prabakaran D. & Arvan P. **494.P**, 5*S*, 1996

Prabhakar E.
*Prabhakar E. & Spruce A. E.* Differential effects of fibroblast growth factor on the developmental appearance of sodium and potassium currents in embryonic *Xenopus* myocytes **495.P**, 73*P*, 1996

Prada C. *see* Prada F. A., Quesada A., Medina J. I., López-Gallardo M. & Prada C. **493.P**, 20*S*, 1996

Prada F.A.
*Prada F. A., Quesada A., Medina J. I., López-Gallardo M. & Prada C.* A novel protein expressed early in the chick embryo is a main component in the cytoskeleton of radial glia **493.P**, 20*S*, 1996

Prat J. *see* Portero M., Pamplona R., Bellmunt M. J., Nagaraj R. H., Monnier V. M. & Prat J. **493.P**, 60*S*, 1996
*see* Bellmunt M. J., Portero M., Pamplona R., Cosso L., Odetti P. & Prat J. **493.P**, 62*S*, 1996

Pratt T. *see* Clausen J. A., Caric D., Pratt T. & Price D. J. **495.P**, 154*P*, 1996

Preston J.E.
*Preston J. E., Himsworth D. T. J., Romero I. A., Abbott N. J. & Hipkiss A. R.* Toxicity of β-amyloid 25–35 on immortalized rat brain endothelial cell line RBE4; prevention by the dipeptide carnosine **491.P**, 39*P*, 1996

Price D.A.
*Price D. A., Denslow N. D., Reynolds S., Greenberg M. J. & Cottrell G. A.* Analysis of the two classes of FMRFamide-related peptides (FaRPs) in identified neurones of *Helix aspersa* by mass spectrometry **494.P**, 82*P*, 1996

Price D.J. *see* Clausen J. A., Caric D., Pratt T. & Price D. J. **495.P**, 154*P*, 1996
*Price D. J., Lotto R. B., Peacock S. D., Clausen J. A., Cases O. & Warren N.* Possible roles for growth factors in neocortical development and plasticity **495.P**, 7*S*, 1996

Priestley J.V. *see* Batten T. F. C., McWilliam P. N., Maqbool A., Michael G. J. & Priestley J. V. **497.P**, 107*P*, 1996

Prieto D. *see* Ordaz E., Prieto D., Hernández M., Simonsen U., Fernández J. L. G. & García-Sacristán A. **493.P**, 167*S*, 1996
*Prieto D., Hernández M. V., Sáenz de Tejada I., Simonsen U. & García-Sacristán A.* $Ca^{2+}$-activated $K^+$ channels are involved in the endothelium-dependent relaxations of penile resistance arteries **493.P**, 82*S*, 1996
*Prieto D., Simonsen U. & Nyborg N. C. B.* A thromboxane-like endothelium-derived contractile factor mediates the vasoconstriction induced by neuropeptide Y in bovine retinal arteries **493.P**, 82*S*, 1996
*see* Simonsen U., Prieto D., Hernández M., Delgado J. A., Resell L., Saenz de Tejada I. & García-Sacristán A. **493.P**, 82*S*, 1996
*see* Simonsen U., Prieto D., Hernández M. & García-Sacristán A. **493.P**, 83*S*, 1996

Prieto P. *see* Velasco C., Morán A., Fernández M. M., Prieto P., Martín M. L. & San Román L. **493.P**, 75*S*, 1996
*see* Morán A., Velasco C., Prieto P., Martín M. L. & San Román L. **493.P**, 86*S*, 1996

Prior H.M.
*Prior H. M., Yates M. S. & Beech D. J.* Inhibition by $K^+$ of adenosine receptor ($A_{2a}$)-mediated dilatation of rabbit renal arcuate artery *in vitro* **493.P**, 21*P*, 1996
*Prior H. M., Beech D. J. & Yates M. S.* Sensitivity of adenosine $A_{2a}$ receptor-induced dilatation to $K^+$ channel inhibitors in isolated rabbit renal arcuate artery **497.P**, 84*P*, 1996

Proctor A.V.
*Proctor A. V. & Fry C. H.* The effect of extracellular osmolarity on isolated guinea-pig detrusor smooth muscle contractility **494.P**, 120*P*, 1996

Proks P. *see* Ashcroft F. M., Proks P. & Smith P. **493.P**, 146*S*, 1996

Protheroe R.E.
*Protheroe R. E., Rhodes B., Yagci A. G., Donaldson G. C. & Keatinge W. R.* The effects of local and general cold adaptation on cold-induced vasodilatation in cold conditions in humans **491.P**, 56*P*, 1996

Publicover S.J. *see* Ahmed M. A. A. S., Walker L. M., Publicover S. J. & El Haj A. J. **497.P**, 126*P*, 1996

Puerro M. *see* Aleixandre M. A., Puerro M., López-Miranda V. & Ortega A. **493.P**, 80*S*, 1996
*Puerro M., López-Miranda V., Ortega A., Delgado C. & Aleixandre M. A.* Arterial blood pressure, and vascular reactivity in normotensive and hypertensive rats fed a low calcium diet **493.P**, 80*S*, 1996
*see* Ortega T. A., López-Miranda V., Puerro M. & Aleixandre M. A. **493.P**, 81*S*, 1996

PUJOL M.J. *see* *BACHS O., AGELL N., BOSSER R., CASTRO A., FAURA M., JAUMOT M., PANCETTI F., PUJOL M. J. & RIUS E.* **493.P**, 158*S*, 1996

PUVI-RAJASINGHAM S.

*PUVI-RAJASINGHAM S., KIMBER J., AKINOLA A., MAGNIFICO F., WATSON L. P. & MATHIAS C. J.* Differences in regional haemodynamic responses to two oral glucose loads in humans with sympathetic denervation **494.P**, 96*P*, 1996

QAZZAZ M. *see* *WOOD G., QAZZAZ M., HETHERINGTON M. & WINLOW W.* **497.P**, 6*P*, 1996

*QAZZAZ M. & WINLOW W.* Volatile anaesthetics diminish electrical coupling between identified molluscan neurones in the presence and absence of met-enkephalin **497.P**, 116*P*, 1996

QUARTARONE A.

*QUARTARONE A., DILAZZARO V., OLIVIERO A. & ROTHWELL J. C.* Ipsilateral projections from motor cortex can be revealed by using pairs of transcranial magnetic stimuli (TCMS) in human subjects **493.P**, 36*P*, 1996

QUAYLE J.M. *see* *WELLMAN G. C., QUAYLE J. M. & STANDEN N. B.* **495.P**, 74*P*, 1996

QUERSHI I. *see* *HOROWITZ B., VOGALIS F., VINCENT T., QUERSHI I., SCHMALZ F. & WARD M.* **495.P**, 90*P*, 1996

QUESADA A. *see* *PRADA F. A., QUESADA A., MEDINA J. I., LÓPEZ-GALLARDO M. & PRADA C.* **493.P**, 20*S*, 1996

QUESADA T. *see* *INGLÉS A. C., HERNÁNDEZ I., PÉREZ M. C., QUESADA T. & CARBONELL L. F.* **493.P**, 70*S*, 1996

QUINN C.

*QUINN C., LEACH R., OWEN J. M., ZANG W. J., HOPKINS P., FINDLAY J. B. C. & BOYETT M. R.* Comparison of the effects of ethanol and halothane on the native muscarinic $K^+$ channel in guinea-pig atrial cells and the muscarinic $K^+$ channel expressed in *Xenopus laevis* oocytes **497.P**, 46*P*, 1996

QUISTORFF B. *see* *BOUSHEL R., MADSEN P., NIELSEN H. B., QUISTORFF B. & SECHER N. H.* **491.P**, 69*P*, 1996

*see* *RATKEVICIUS A., RICO-SANZ J., MIZUNO M. & QUISTORFF B.* **491.P**, 72*P*, 1996

RABUÑAL R. *see* *IGLESIAS G. M., MOYA A., RABUÑAL R. & LIMA L.* **493.P**, 41*S*, 1996

RADDA G.K. *see* *REES S. A., PATERNOSTRO G., PABLA R., STEVENSON S., ADAMS R. J., KNOX K., RADDA G. K., SEVERS N. J. & POWELL T.* **497.P**, 51*P*, 1996

*see* *SCOTT A., LEEM C. H., RADDA G. K. & VAUGHAN-JONES R. D.* **497.P**, 58*P*, 1996

RÅDEGRAN G. *see* *BLOMSTRAND E., RÅDEGRAN G. & SALTIN B.* **491.P**, 61*P*, 1996

*RÅDEGRAN G., STRANGE S. & SALTIN B.* Ultrasound Doppler integrated with a PC for continuous data acquisition in the study of blood flow regulation in man **491.P**, 83*P*, 1996

*see* *MACLEAN D. A., RÅDEGRAN G., HELLSTEN Y. & BANGSBO J.* **491.P**, 126*P*, 1996

RADEMAKER A. *see* *SARGEANT A. J. & RADEMAKER A.* **491.P**, 128*P*, 1996

RAE M.

*RAE M., BROWN D. & LENG G.* Real time interactive computational model of the luteinizing hormone pulse generator **495.P**, 9*P*, 1996

RAFFERTY G.F. *see* *POLKEY M. I., KYROUSSIS D., HUGHES P. D., RAFFERTY G. F., GREEN M. & MOXHAM J.* **494.P**, 92*P*, 1996

RAJAB P.

*RAJAB P., FOX J., RIAZ S., TOMLINSON D. & GREENHAFF P. L.* Skeletal muscle adenine nucleotide metabolism following chronic clenbuterol treatment in the rat **495.P**, 142*P*, 1996

RAKHIT S. *see* *REMSBURY A., RAKHIT S. & WILSON S. M.* **495.P**, 179*P*, 1996

RALEVIC V. *see* *THOMAS T., RALEVIC V. & SPYER K. M.* **494.P**, 102*P*, 1996

*RALEVIC V., THOMAS T., BURNSTOCK G. & SPYER K. M.* P2-purinoceptor-mediated changes in activity of neurones recorded extracellularly from the rostral ventrolateral medulla of the rat **497.P**, 74*P*, 1996

RAMÍREZ P.

*RAMÍREZ P., MATEOS J. C., CARRIÓN N., BELLIDO J. & SERRA R.* Study of the $K^+$ ionic currents in cultured white adipocytes **493.P**, 32*S*, 1996

RAMOS A. *see* *AGUILAR J. S., OAKNIN S., RAMOS A., EXPÓSITO I., RODRÍGUEZ-FERRER C. R. & ROTLLÁN P.* **493.P**, 24*S*, 1996

RAMSEY J.

*RAMSEY J. & WRAY S.* A comparison of the effects of extracellular pH ($pH_o$) and intracellular pH ($pH_i$) on tone in the rat pulmonary artery **495.P**, 172*P*, 1996

RANATUNGA K.W. *see* *MUTUNGI G. & RANATUNGA K. W.* **493.P**, 7*P*, 1996

*RANATUNGA K. W. & VAWDA F.* Laser temperature jump experiments on single, intact frog muscle fibres **493.P**, 9*P*, 1996

RANDALL A.D. *see* *FRISCHKNECHT F. & RANDALL A. D.* **491.P**, 139*P*, 1996

*see* *MCNAUGHTON N. C. L. & RANDALL A. D.* **495.P**, 77*P*, 1996

RANDALL D.C.

*RANDALL D. C., BROWN D. R. & ARDELL J. L.* Insights into vagal control of heart rate from selective cardiac parasympathectomy **494.P**, 17*S*, 1996

RAO A.

*RAO A., HANQUAN Y. & HOLDER D. S.* Imaging of somatosensory and visual evoked responses by electrical impedance tomography in the anaesthetized rabbit **494.P**, 8*P*, 1996

*RAO A., HANQUAN Y. & HOLDER D. S.* A comparison of impedance images collected with sub- or epidural electrodes during somatosensory evoked responses in the anaesthetized rabbit **494.P**, 46*P*, 1996

RAPOSO R. *see* *MARTÍNEZ C., NOVELLA S., GARCÍA-SACRISTÁN A., RAPOSO R. & BENEDITO S.* **493.P**, 74*S*, 1996

RAPP G.

*RAPP G., ASHLEY C. C., BAGNI M. A., CECCHI G. & GRIFFITHS P. J.* Myosin lattice spacing changes during prolonged intermittent stimulation of single muscle fibres of *Rana temporaria* **497.P**, 39*P*, 1996

RASCH R. *see* *MARPLES D., RASCH R., KNEPPER M. A. & NIELSEN S.* **497.P**, 91*P*, 1996

RATKEVICIUS A.

*RATKEVICIUS A., RICO-SANZ J., MIZUNO M. & QUISTORFF B.* Effects of repeated maintained contractions on energetics, surface EMG and low frequency fatigue of human triceps surae complex **491.P**, 72*P*, 1996

RAWLINSON S.R. *see* *ELLAWAY P. H., RAWLINSON S. R., LEWIS H. S., DAVEY N. J. & MASKILL D. W.* **493.P**, 36*P*, 1996

RAYA Á.

*RAYA Á., MONTOYA J., MERINO C., GARCÍA-COVISA N. L., HERNÁNDEZ V., ROMERO F. J. & ROMÁ J.* Role of ethanol metabolism on ethanol-induced alterations in the peripheral nerve function of the rat **493.P**, 31*S*, 1996

RAYNER D.V. *see* *MERCER J. G., HOGGARD N., LAWRENCE C. B., RAYNER D. V. & TRAYHURN P.* **495.P**, 113*P*, 1996

RAYNER J. *see* *PELHAM H., LEWIS M. & RAYNER J.* **494.P**, 3*S*, 1996

RAYÓ J.M. *see* *RIAL R., GAMUNDI A., AKAARIR M., ROSSELLÓ C., RAYÓ J. M. & NICOLAU M. C.* **493.P**, 17*S*, 1996

REBOLLO A.J. *see* *PESCADOR R., MANSO M. A., REBOLLO A. J., RODRÍGUEZ A. I., GARCÍA-MONTERO A. C. & DE DIOS I.* **493.P**, 111*S*, 1996

*see* *PESCADOR R., MANSO M. A., REBOLLO A. J., GARCÍA-MONTERO A. C., RODRÍGUEZ A. I. & DE DIOS I.* **493.P**, 112*S*, 1996

RECIO P. *see* *FERNÁNDEZ J. L. G., RIVERA L., GARCÍA LÓPEZ P., RECIO P. & GARCÍA-SACRISTÁN A.* **493.P**, 166*S*, 1996

*see* *FERNÁNDEZ J. L. G., RIVERA L., GARCÍA LÓPEZ P., RECIO P. & GARCÍA-SACRISTÁN A.* **493.P**, 166*S*, 1996

REDAELLI G. *see* *ACCILI E., REDAELLI G. & DIFRANCESCO D.* **491.P**, 11*S*, 1996

REDMOND K.

*REDMOND K., DOUGLAS A. J., BICKNELL R. J. & RUSSELL J. A.* Evidence for plasticity in the $\beta$-endorphin innervation of the supraoptic nucleus during pregnancy in the rat **495.P**, 13*P*, 1996

REED J.W. *see* *CHINN D. J., COTES J. E. & REED J. W.* **495.P**, 145*P*, 1996

REED M.W.R. *see* *KALIA N., MORTON D., JACOB S., REED M. W. R., BARDHAN K. D. & BROWN N. J.* **491.P**, 31*P*, 1996

REES H.

*REES H., HOUGHTON A., CHEN P.-S., AL CHEAR E. D., WESTLUND K. N. & WILLIS W. D.* Anterior pretectal inhibition is blocked by spinal administration of strychinine but not blocked by $\alpha_2$-adrenoceptor antagonists in the anaesthetized primate **495.P**, 20*P*, 1996

REES M. *see* *LEWIS T. M., SIVILOTTI L. G., COLQUHOUN D., GARDINER R. M., SCHOEPFER R. & REES M.* **494.P**, 77*P*, 1996

*see* *LEWIS T. M., SIVILOTTI L. G., COLQUHOUN D., GARDINER R. M., SCHOEPFER R. & REES M.* **497.P**, 112*P*, 1996

REES S.A.

*REES S. A., WRIGHT A. R. & POWELL T.* Ventricular myocytes from the non-human primate *Callithrix jacchus* have functional $I_{K1}$ and $I_{Kf}$, but lack $I_{Ks}$ **495.P**, 166*P*, 1996

*see* *WRIGHT A. R., REES S. A. & POWELL T.* **495.P**, 168*P*, 1996

*REES S. A., PATERNOSTRO G., PABLA R., STEVENSON S., ADAMS R. J., KNOX K., RADDA G. K., SEVERS N. J. & POWELL T.* Induction of apoptosis in adult mammalian cardiac myocytes by inhibition of staurosporine-sensitive protein kinases **497.P**, 51*P*, 1996

REEVE-CHEN Z.D.
*REEVE-CHEN Z. D., REICHEL A., BEGLEY D. J. & ABBOTT N. J.* Quantitation of P-glycoprotein activity in immortalized rat brain endothelial cells (RBE4) **491.P**, 36*P*, 1996

REHMAN A.
*REHMAN A. & JOHNS E. J.* Endothelins and renal responses to saline volume expansion in anaesthetized streptozotocin-induced diabetic rats **493.P**, 106*P*, 1996

REICHEL A.
*REICHEL A., BEGLEY D. J. & ABBOTT N. J.* Immobilized artificial membrane (IAM) technology – a tool for predicting drug permeability through the blood–brain barrier **491.P**, 30*P*, 1996
*REICHEL A., BEGLEY D. J. & ABBOTT N. J.* The mGluR1 antagonist *S*-4-carboxyphenylglycine is not a substrate for the L system transporter at the blood–brain barrier **491.P**, 35*P*, 1996
*see REEVE-CHEN Z. D., REICHEL A., BEGLEY D. J. & ABBOTT N. J.* **491.P**, 36*P*, 1996
*REICHEL A., ALESHAIKER A., BEGLEY D. J. & ABBOTT N. J. In vitro* screening for drugs interacting with P-glycoprotein-mediated drug efflux using immortalized rat brain endothelial cells (RBE4) **491.P**, 36*P*, 1996

REID B.
*REID B. & BEWICK G. S.* Synaptic vesicle trafficking in motor nerve terminals of rat fast and slow skeletal muscle *in vitro* **495.P**, 59*P*, 1996

REID H. *see MOHAN J. S., MARSHALL J. M., SERJEANT G. R. & REID H.* **497.P**, 70*P*, 1996

REILLY A. *see PARKINSON L., AMIN A. M., MOHAMED H., DAGENS S., O'CONNELL J., REILLY A., SEXTON S., SHIELS G. & BELL C.* **495.P**, 143*P*, 1996

REILLY T. *see MACLAREN D. P. M., REILLY T., CAMPBELL I. T. & FOSTER S.* **495.P**, 132*P*, 1996

REINSCHEID R.K. *see KNOFLACH F., REINSCHEID R. K., CIVELLI O. & KEMP J. A.* **494.P**, 55*P*, 1996

REISERT J.
*REISERT J. & MATTHEWS H. R.* Simultaneous recording of action potentials and receptor current from isolated frog olfactory receptor cells **494.P**, 14*P*, 1996

REMSBURY A.
*REMSBURY A., RAKHIT S. & WILSON S. M.* P2U receptor agonists do not inhibit forskolin-evoked cAMP accumulation in A549 lung adenocarcinoma cells **495.P**, 179*P*, 1996

RENAUD J.F. *see SAMAIN E., DAGHER G., PERRET C., MORIN E., SAFAR M. & RENAUD J. F.* **491.P**, 163*P*, 1996

RENAUD L.P. *see SPANSWICK D., CLARK V. J., LOGAN S. D. & RENAUD L. P.* **494.P**, 78*P*, 1996

REPRESA J. *see GARCÍA-DÍAZ J. F., JIMÉNEZ C., REPRESA J. & GIRÁLDEZ F.* **493.P**, 152*S*, 1996

RESELL L. *see SIMONSEN U., PRIETO D., HERNÁNDEZ M., DELGADO J. A., RESELL L., SAENZ DE TEJADA I. & GARCÍA-SACRISTÁN A.* **493.P**, 82*S*, 1996

REVERT F. *see ALBEROLA A., REVERT F., MOYA A., GARCÍA J., BELTRÁN J., SANCHO S. & SUCH L.* **493.P**, 77*S*, 1996

REVERTE M.
*REVERTE M., VALDIVIESO J. M. & LÓPEZ-NOVOA J. M.* Nitric oxide production by rat glomeruli **493.P**, 87*S*, 1996

REY DE VIÑAS J.L. *see SANDOVAL M. C., GONZÁLEZ-FERNÁNDEZ M. & REY DE VIÑAS J. L.* **493.P**, 132*S*, 1996
*see SANDOVAL M. C., GONZÁLEZ-FERNÁNDEZ M. & REY DE VIÑAS J. L.* **493.P**, 132*S*, 1996

REYNOLDS K.J. *see PETIT J., REYNOLDS K. J. & SCOTT J. J. A.* **491.P**, 118*P*, 1996

REYNOLDS L.A.
*REYNOLDS L. A., TANSEY E. M. & WILLHOFT S. V.* The history of physiology from *The Journal of Physiology* **494.P**, 26*P*, 1996

REYNOLDS S. *see PRICE D. A., DENSLOW N. D., REYNOLDS S., GREENBERG M. J. & COTTRELL G. A.* **494.P**, 82*P*, 1996

RHIJNSBURGER E.H. *see VAN GOLDE J. C., WOLFS M. C., RHIJNSBURGER E. H., BORM P. J. & BLANCO C. E.* **494.P**, 30*P*, 1996

RHODES B. *see PROTHEROE R. E., RHODES B., YAGCI A. G., DONALDSON G. C. & KEATINGE W. R.* **491.P**, 56*P*, 1996

RIAL R. *see NICOLAU M. C., GAMUNDI A., MARTÍN J., ROSSELLÓ C., BARJAU I. & RIAL R.* **493.P**, 17*S*, 1996
*RIAL R., GAMUNDI A., AKAARIR M., ROSSELLÓ C., RAYÓ J. M. & NICOLAU M. C.* Comparing the EEG of waking mammals and reptiles **493.P**, 17*S*, 1996

RIAZ S. *see RAJAB P., FOX J., RIAZ S., TOMLINSON D. & GREENHAFF P. L.* **495.P**, 142*P*, 1996

RIBAS J. *see MARTIN F., RIBAS J. & SORIA B.* **493.P**, 153*S*, 1996

RIBCHESTER R.R. *see MATTISON R. J., THOMSON D., BARRY J. A. & RIBCHESTER R. R.* **495.P**, 152*P*, 1996
*see MOLENAAR P. C., VAN KEMPEN G. TH. H., BARRY J. A. & RIBCHESTER R. R.* **495.P**, 153*P*, 1996
*RIBCHESTER R. R., BARRY J. A. & MATTISON R. J.* Activity independence of synaptic competition at reinnervated mammalian neuromuscular junctions **495.P**, 5*S*, 1996

RIBER C. *see ESCRIBANO B. M., RIBER C., MUÑOZ A., TOVAR P., AGÜERA E. I. & RUBIO M. D.* **493.P**, 142*S*, 1996

RICCARDI D. *see HEBERT S. C., BROWN E., RICCARDI D., HARRIS W., SANDS J. & WANG W.* **493.P**, 5*S*, 1996

RICHARD PH. *see SABATIER N., RICHARD PH. & DAYANITHI G.* **495.P**, 111*P*, 1996
*see SABATIER N., RICHARD PH. & DAYANITHI G.* **495.P**, 112*P*, 1996

RICHARDS C.D. *see AMOS B. J., MATHIE A. & RICHARDS C. D.* **491.P**, 136*P*, 1996
*see BEVAN S. & RICHARDS C. D.* **494.P**, 76*P*, 1996

RICHARDS J.P. *see FORSTER B. A., LEAKE D. S., RICHARDS J. P. & WEINBERG P. D.* **491.P**, 24*P*, 1996

RICHARDSON H.C. *see GARDNER E. J. & RICHARDSON H. C.* **494.P**, 70*P*, 1996
*see GARDNER E. J., RICHARDSON H. C. & BANKS J.* **495.P**, 7*P*, 1996
*RICHARDSON H. C., MAHON M., CUNNINGHAM M. & MILLER I.* Student development of interactive multimedia computer-assisted learning (CAL) packages for undergraduate study **495.P**, 8*P*, 1996
*see GARDNER E. J., RICHARDSON H. C. & BANKS J.* **495.P**, 142*P*, 1996
*see MCGOVERN A., RICHARDSON H. C. & WILLIAMSON J. B.* **495.P**, 144*P*, 1996

RICHARDSON P.J. *see MCKENNA F., SMITH M. A., ROWE I. C. M., RICHARDSON P. J. & ASHFORD M. L. J.* **495.P**, 87*P*, 1996

RICHMOND J.E. *see FEATHERSTONE D., RICHMOND J. E. & RUBEN P. C.* **495.P**, 72*P*, 1996

RICHMOND S.J.
*RICHMOND S. J. & PATON J. F. R.* Firing properties and morphology of ventral medullary respiratory neurones of the mature mouse **493.P**, 12*P*, 1996

RICHTER D.W.
*RICHTER D. W., LALLEY P., PIERREFICHE O. & SCHWARZACHER S.* Serotonergic modulation of respiratory neurones **494.P**, 16*S*, 1996
*see PIERREFICHE O., HAJI A. & RICHTER D. W.* **497.P**, 22*P*, 1996

RICHTER E.A. *see KRISTIANSEN S., HARGREAVES M. & RICHTER E. A.* **491.P**, 65*P*, 1996

RICO M. *see LÓPEZ C., RICO M., RODRÍGUEZ M. E., PLANES C. & PAZO J. A.* **493.P**, 112*S*, 1996
*RICO M., LORENZO M. T., OLIVEIRA C., ARNAIZ I. & DE LA CRUZ L. F.* Age-related changes in the effects of somatostatin on GH secretion *in vitro* in pubertal and adult cattle **493.P**, 125*S*, 1996
*RICO M., LORENZO M. T., OLIVEIRA C., ARNAIZ I. & DE LA CRUZ L. F.* The effects of TRH and GHRP 1–6 on GH release from ruminant pituitary cells **493.P**, 125*S*, 1996

RICO-SANZ J. *see RATKEVICIUS A., RICO-SANZ J., MIZUNO M. & QUISTORFF B.* **491.P**, 72*P*, 1996

RIDDELL J.S.
*RIDDELL J. S. & HADIAN M.* Lower-lumbar interneurones with group II input and an ascending projection to the mid-lumbar segments in the spinal cord of the anaesthetized cat **494.P**, 62*P*, 1996

RIDDING M.C. *see BROWN R. G., ROTHWELL J. C., RIDDING M. C. & JAHANSHAHI M.* **491.P**, 120*P*, 1996

RINDI G. *see PATRINI C., LAFORENZA U., GASTALDI G., VERRI A., FERRARI G. & RINDI G.* **493.P**, 100*S*, 1996

RIOLOBOS A.S. *see HEREDIA M., RIOLOBOS A. S., YAJEYA J., CRIADO J. M., DE LA FUENTE A. & SANTACANA M.* **493.P**, 22*S*, 1996
*see DE LA FUENTE A., CRIADO J. M., HEREDIA M., RIOLOBOS A. S. & YAJEYA J.* **493.P**, 23*S*, 1996

RIST R. *see ALESHAIKER A., ROMERO I. A., RIST R. & ABBOTT N. J.* **491.P**, 38*P*, 1996

RITTER J.M. *see DAWES M., CHOWIENCZYK P. J. & RITTER J. M.* **494.P**, 126*P*, 1996
*see KNEALE B. J., COCKCROFT J. R., CHOWIENCZYK P. J. & RITTER J. M.* **494.P**, 126*P*, 1996

RIUS E. *see BACHS O., AGELL N., BOSSER R., CASTRO A., FAURA M., JAUMOT M., PANCETTI F., PUJOL M. J. & RIUS E.* **493.P**, 158*S*, 1996

RIVAS-CABAÑERO L.

*RIVAS-CABAÑERO L., VALDIVIELSO J. M., ALONSO J. R., ARÉVALO M. & LÓPEZ-NOVOA J. M.* Role of nitric oxide in gentamicin-induced nephrotoxicity in rats **493.P**, 86*S*, 1996

*see VALDIVIELSO J. M., RIVAS-CABAÑERO L., ALONSO J. R. & LÓPEZ-NOVOA J. M.* **493.P**, 87*S*, 1996

*see FLORES O., CRIADO-JIMÉNEZ M., RIVAS-CABAÑERO L., HIDALGO F., ELENO N., DÍEZ-PANERO L. M., ESTAÑ J. G. & LÓPEZ-NOVOA J. M.* **493.P**, 88*S*, 1996

*RIVAS-CABAÑERO L., RODRÍGUEZ-LÓPEZ A. M., MARTÍNEZ-SALGADO C. & LÓPEZ-NOVOA J. M.* Role of nitric oxide in gentamicin-induced mesangial cell activation **493.P**, 164*S*, 1996

RIVERA L. *see FERNÁNDEZ J. L. G., RIVERA L., GARCÍA LÓPEZ P., RECIO P. & GARCÍA-SACRISTÁN A.* **493.P**, 166*S*, 1996

*see FERNÁNDEZ J. L. G., RIVERA L., GARCÍA LÓPEZ P., RECIO P. & GARCÍA-SACRISTÁN A.* **493.P**, 166*S*, 1996

*RIVERA L., GARCÍA FERNÁNDEZ J. L., GARCÍA LÓPEZ P. & GARCÍA-SACRISTÁN A.* Contractile responses of circular smooth muscle fibres of the ureterovesical junction (UVJ) **493.P**, 166*S*, 1996

RIZZUTO R. *see RUTTER G. A., BURNETT P., BRINI M., POZZAN T., TAVARÉ J. M., DENTON R. M. & RIZZUTO R.* **493.P**, 16*P*, 1996

ROA E. *see MATHISON Y., ROA E., MENDIBLE A., GÓMEZ N., WILLIAMS P., VARGAS E. & MENESES P.* **493.P**, 138*S*, 1996

ROACH R.C.

*ROACH R. C., CALBET J. A., OLSEN N. V., POULSEN T. D., VISSING S. F. & SALTIN B.* Peak exercise heart rate in humans at high altitude **491.P**, 60*P*, 1996

*see KOSKOLOU M. D., ROACH R. C., CALBET J. A. L. & SALTIN B.* **495.P**, 137*P*, 1996

ROB P. *see VORMANN J., GÜNTHER T., MAGDORF K. & ROB P.* **493.P**, 66*P*, 1996

ROBBINS P.A. *see HOWARD L. S. G. E., POULIN M. J. & ROBBINS P. A.* **491.P**, 51*P*, 1996

*see LEÓN-VELARDE F., VARGAS M., MONGE-C C., TORRANCE R. W. & ROBBINS P. A.* **491.P**, 51*P*, 1996

*see LIANG P.-J., CLEMENT I. D. & ROBBINS P. A.* **494.P**, 93*P*, 1996

*see TANSLEY J. G., CLAR C., PEDERSEN M. E. F. & ROBBINS P. A.* **494.P**, 93*P*, 1996

*see PEDERSEN M. E. F., DORRINGTON K. L. & ROBBINS P. A.* **497.P**, 23*P*, 1996

*see TANSLEY J. G., PEDERSEN M. E. F., CLAR C. & ROBBINS P. A.* **497.P**, 24*P*, 1996

*see BUSSO T. & ROBBINS P. A.* **497.P**, 28*P*, 1996

*see CLAR C., PEDERSEN M. E. F., POULIN M. J., TANSLEY J. G. & ROBBINS P. A.* **497.P**, 71*P*, 1996

ROBERTS A. *see PEARSON J. S., STRATTON E., ROBERTS A., VARLEY J. S. & COTTERRELL D.* **491.P**, 3*P*, 1996

*ROBERTS A.* Trigeminal pathway for the skin impulse to initiate swimming in hatchling *Xenopus* embryos **493.P**, 40*P*, 1996

ROBERTS C.A. *see CORFIELD D. R., ROBERTS C. A., GRIFFITHS M. J. D. & ADAMS L.* **497.P**, 23*P*, 1996

ROBERTS D.J.

*ROBERTS D. J., MCDONALD R. L., PEERS C. & VAUGHAN P. F. T.* Muscarinic regulation of $[Ca^{2+}]_i$ in the human neuroblastoma SH-SY5Y; modulation by protein kinase C **497.P**, 119*P*, 1996

ROBERTS M.H.T. *see MONHEMIUS R., LI H. S. & ROBERTS M. H. T.* **495.P**, 19*P*, 1996

*see LI H. S. & ROBERTS M. H. T.* **495.P**, 22*P*, 1996

ROBERTSON A.P.

*ROBERTSON A. P., MARTIN R. J. & KUSEL J. R.* Single-channel recordings from tegument-derived vesicles of *Schistosoma mansoni* **495.P**, 33*P*, 1996

*ROBERTSON A. P., BJORN H., SANGSTER N. C. & MARTIN R. J.* Levamisole-activated single-channel currents from isolated muscle vesicles of *Oesophagostomum dentatum* **495.P**, 83*P*, 1996

ROBERTSON B. *see MCINTOSH P., SOUTHAN A. P., AKHTAR S., SIDERA C., USHKARYOV Y., DOLLY J. O. & ROBERTSON B.* **495.P**, 87*P*, 1996

*see SOUTHAN A. P. & ROBERTSON B.* **495.P**, 88*P*, 1996

ROBINSON C. *see TARE M., GORDIENKO D. V., PARVEEN S., FENECH C., ROBINSON C. & BOLTON T. B.* **491.P**, 90*P*, 1996

ROBINSON J. *see CARE A. D., ABBAS S. K., JONES G. V., ROBINSON J. & WOODING F. B. P.* **494.P**, 30*P*, 1996

ROBINSON P.P. *see BONGENHIELM U. & ROBINSON P. P.* **495.P**, 28*P*, 1996

ROBSON L.

*ROBSON L. & HUNTER M.* Regulation of a barium-sensitive $K^+$ conductance by protein kinase C and A in single proximal tubule cells isolated from frog kidney **493.P**, 68*P*, 1996

*ROBSON L., WRAGG S. & HUNTER M.* Role of $K^+$ conductances in volume regulation in single proximal tubule cells isolated from frog kidney **497.P**, 88*P*, 1996

ROBSON S.J. *see WESTIN S. B., ZHOU S., WEATHERBY R. P. & ROBSON S. J.* **491.P**, 82*P*, 1996

ROCHA I. *see GONCALVES V., ROCHA I., SILVA-CARVALHO L. & SILVA-CARVALHO J.* **494.P**, 103*P*, 1996

RODERICK G.-P.

*RODERICK G.-P., BOWMAN E. C. J. & EDWARDS A. V.* Involvement of adrenoceptors in the cardiovascular changes that occur during suckling in the unweaned calf **493.P**, 32*P*, 1996

RODRIGO E. *see NAVARRO J., MUÑOZ R., MAESO R., RODRIGO E., CACHOFEIRO V., RUILOPE L. M. & LAHERA V.* **493.P**, 70*S*, 1996

RODRIGO J.

*RODRIGO J. & MARTINEZ-MURILLO R.* Localization of nitric oxide synthase in the adult rat brain. Ventricular system, circumventricular organs and islands of Calleja **493.P**, 34*S*, 1996

RODRIGO J.M. *see ROMERO M. J., RODRIGO J. M., SERRA M. A., BOSCH-MORELL F. & ROMERO F. J.* **493.P**, 104*S*, 1996

RODRÍGUEZ A.

*see SUCH L., CHORRO F. J., SANCHIS J., LÓPEZ L., RUIZ R. & RODRÍGUEZ A.* **493.P**, 76*S*, 1996

*see ARTAL L., CHORRO F. J., SANCHIS J., LLAVADOR J. J., RODRÍGUEZ A. & SUCH L.* **493.P**, 77*S*, 1996

*RODRÍGUEZ A., CHORRO F. J., ALBEROLA A., RUIZ R., LÓPEZ L. & SUCH L.* Analysis of malondyaldehyde (MDA) and glutathione (GSH) concentration in quadriceps femoris muscle, myocardium, liver and kidney, in trained rabbits **493.P**, 167*S*, 1996

RODRÍGUEZ A.I.

*RODRÍGUEZ A. I., MANSO M. A., GARCÍA-MONTERO A. C., ORFAO A. & DE DIOS I.* Pancreatic zymogen granule membrane carbohydrate in rats chronically treated with L-364,718, a CCK-receptor antagonist **493.P**, 100*S*, 1996

*see PESCADOR R., MANSO M. A., REBOLLO A. J., RODRÍGUEZ A. I., GARCÍA-MONTERO A. C. & DE DIOS I.* **493.P**, 111*S*, 1996

RODRÍGUEZ A.I. *see PESCADOR R., MANSO M. A., REBOLLO A. J., GARCÍA-MONTERO A. C., RODRÍGUEZ A. I. & DE DIOS I.* **493.P**, 112*S*, 1996

RODRIGUEZ M. *see BARRUTIA M. G., RODRIGUEZ M., DE MARCO M. C. & ARAHUETES R. M.* **493.P**, 92*S*, 1996

RODRÍGUEZ M.E. *see LÓPEZ C., RICO M., RODRÍGUEZ M. E., PLANES C. & PAZO J. A.* **493.P**, 112*S*, 1996

*RODRÍGUEZ M. E., LORENZO M. T., LÓPEZ C., VÁZQUEZ L. A. & PAZO J. A.* Hepatotoxic effects of clofibrate on cultured rat hepatocytes **493.P**, 112*S*, 1996

RODRÍGUEZ-BARBERO A. *see MARTÍNEZ-SALGADO C., RODRÍGUEZ-BARBERO A., MACLAUGHLIN M. & LÓPEZ-NOVOA J. M.* **493.P**, 86*S*, 1996

*see GALLEGO-OVIEDO M. B., MARTÍNEZ-SALGADO C., VALDIVIELSO J. M., RODRÍGUEZ-BARBERO A., GARCÍA-BASTOS J. L., ARÉVALO M. & LÓPEZ-NOVOA J. M.* **493.P**, 88*S*, 1996

RODRÍGUEZ DE FONSECA F. *see VILLANÚA M. A., MUÑOZ R. M., RODRÍGUEZ DE FONSECA F., MARTÍN CALDERÓN J. L. & NAVARRO M.* **493.P**, 120*S*, 1996

RODRIGUEZ-FERRER C.R.

*see AGUILAR J. S., OAKNIN S., RAMOS A., EXPÓSITO I., RODRÍGUEZ-FERRER C. R. & ROTLLÁN P.* **493.P**, 24*S*, 1996

*RODRIGUEZ-FERRER C. R., MUROS DE FUENTES M., PEREZ H. & OAKNIN S.* S2 allele of apopoprotein(a) as a predictor of premature coronary heart disease **493.P**, 79*S*, 1996

RODRÍGUEZ-LÓPEZ A. *see DÍEZ-PANERO L. M., ELENO N., RODRÍGUEZ-LÓPEZ A., MACLAUGHLIN M., PÉREZ-BARRIOCANAL F. & LÓPEZ-NOVOA J. M.* **493.P**, 88*S*, 1996

RODRÍGUEZ-LÓPEZ A.M.

*RODRÍGUEZ-LÓPEZ A. M., DE DIOS I., LÓPEZ M. A. & CALVO J. J.* Metabolic changes of VIP in the liver do not influence its biological activity on the exocrine pancreas **493.P**, 114*S*, 1996

*see RIVAS-CABAÑERO L., RODRÍGUEZ-LÓPEZ A. M., MARTÍNEZ-SALGADO C. & LÓPEZ-NOVOA J. M.* **493.P**, 164*S*, 1996

RODRIGUEZ MATAS M.C. *see GÓMEZ-AYALA A. E., LISBONA F., HARTITI S., LÓPEZ-ALIAGA I., PALLARÉS I., RODRIGUEZ MATAS M. C. & CAMPOS M. S.* **493.P**, 110*S*, 1996

*see* LISBONA F., LAMENCA B., LÓPEZ-ALIAGA I., PALLARÉS I., GÓMEZ-AYALA H. E., HARTITI S., RODRIGUEZ MATAS M. C. & CAMPOS M. S. **493.P**, 110*S*, 1996

RODRÍGUEZ-MEMBRILLA A.

*RODRÍGUEZ-MEMBRILLA A., JUANOLA C. & VERGARA P.* Different pathways mediate both physiological and non-physiological actions of CCK **493.P**, 106*S*, 1996

RODRÍGUEZ-PALMERO M. *see* CAROL M., RODRÍGUEZ-PALMERO M., PELEGRÍ C., FERRI M. J., FRANCH A., GARCÍA-VALERO J., CASTELLOTE C. & CASTELL M. **493.P**, 109*S*, 1996

*see* PELEGRÍ C., RODRÍGUEZ-PALMERO M., MORANTE M. P., COMAS J., CASTELL M. & FRANCH A. **493.P**, 109*S*, 1996

RODRÍGUEZ-YOLDI M.C. *see* SALVADOR M. T., RODRÍGUEZ-YOLDI M. C., ALCALDE A. I. & RODRÍGUEZ-YOLDI M. J. **493.P**, 107*S*, 1996

RODRIGUEZ-YOLDI M.J. *see* MARCO R., NAVARRO H., RODRIGUEZ-YOLDI M. J. & ALCALDE A. I. **493.P**, 108*S*, 1996

RODRÍGUEZ-YOLDI M.J. *see* SALVADOR M. T., RODRÍGUEZ-YOLDI M. C., ALCALDE A. I. & RODRÍGUEZ-YOLDI M. J. **493.P**, 107*S*, 1996

ROERICHT S. *see* MEYER B.-U. & ROERICHT S. **491.P**, 119*P*, 1996

*see* MEYER B.-U., KUEHN A. & ROERICHT S. **497.P**, 34*P*, 1996

ROGERS C. *see* ALEXANDER B., NAFTALIN R. J. & ROGERS C. **495.P**, 97*P*, 1996

ROGERS C.M.

*ROGERS C. M. & BROWN E. R.* The L-type calcium current and charge movement in amphioxus (*Branchiostoma lanceolatum*) striated muscle: the $SCN^-$ paradox **495.P**, 41*P*, 1996

ROIG S. *see* MEDINA P., VIÑALS I., ROIG S., ALDASORO M., MARTÍNEZ M. C., LEÓN J. M. & LLUCH S. **493.P**, 78*S*, 1996

*ROIG S., VIÑALS I., ALDASORO M., MEDINA P., VILA J. M., OTERO E. & LLUCH S.* $V_2$ receptor-mediated relaxation by desmopressin in human saphenous vein **493.P**, 79*S*, 1996

ROJAS C.

*ROJAS C., CADENAS S., PÉREZ-CAMPO R., LÓPEZ-TORRES M. & BARJA G.* Decrease in enzymatic lipid peroxidation after vitamin E dietary supplementation without changes in protein carbonyls, free malondialdehyde and GSH/GSSG ratio in guinea-pig liver **493.P**, 136*S*, 1996

*ROJAS C., CADENAS S., PÉREZ-CAMPO R., LÓPEZ-TORRES M. & BARJA G.* Dietary vitamin E increases liver vitamin E without affecting liver antioxidant enzymes and non-enzymatic antioxidants in guinea-pigs **493.P**, 136*S*, 1996

ROKHLIN A.S. *see* VOROBYEV V. A., MEDVEDEV S. V., PAKHOMOV S. V., ROKHLIN A. S., ROUDAS M. S. & KOROTKOV A. D. **491.P**, 179*P*, 1996

ROL DE LAMA M.A.

*ROL DE LAMA M. A., PÉREZ ROMERO A., TRESGUERRES J. A. F. & ARIZNAVARRETA C.* Long-term GH regulation by different patterns of GHRH administration **493.P**, 121*S*, 1996

ROLFE V.

*ROLFE V., MENON R. A., BOOTH P. A. C., LINDLEY K. J. & MILLA P. J.* Mechanisms of nitric oxide-induced electrogenic secretion in a Caco-2 carcinoma cell line **493.P**, 76*P*, 1996

ROMÁ J. *see* RAYA Á., MONTOYA J., MERINO C., GARCÍA-COVISA N. L., HERNÁNDEZ V., ROMERO F. J. & ROMÁ J. **493.P**, 31*S*, 1996

ROMÁN I.D.

*ROMÁN I. D., THEWLES A. & COLEMAN R.* Fractionation of livers following diosgenin treatment to elevate biliary cholesterol **493.P**, 138*S*, 1996

*ROMÁN I. D., JOHNSON G. D. & COLEMAN R.* *S*-Adenosyl-L-methionine prevents disruption of canalicular function and pericanalicular cytoskeleton integrity caused by cyclosporin A in isolated rat hepatocyte couplets **493.P**, 156*S*, 1996

ROMERO A. *see* TORRES M. D., CANAL J. R., DOMÍNGUEZ E., CAMPILLO J. E., ROMERO A. & PÉREZ C. **493.P**, 15*S*, 1996

*see* CANAL J. R., DOMÍNGUEZ E., TORRES M. D., CAMPILLO J. E., ROMERO A. & PÉREZ C. **493.P**, 136*S*, 1996

ROMERO C.M.

*ROMERO C. M., TORRES L. G. & DEL RIO C. G.* Attenuated response of exercise-induced aldosterone secretion in hypoxia. Role of atrial natriuretic peptide (ANP) **493.P**, 75*S*, 1996

ROMERO F.J. *see* WEBER S., BOSCH-MORELL F. & ROMERO F. J. **493.P**, 20*S*, 1996

*see* BOSCH-MORELL F., SANZ A., BELDA J., DÍAZ-LLOPIS M. & ROMERO F. J. **493.P**, 23*S*, 1996

*see* RAYA Á., MONTOYA J., MERINO C., GARCÍA-COVISA N. L., HERNÁNDEZ V., ROMERO F. J. & ROMÁ J. **493.P**, 31*S*, 1996

*see* MARTÍNEZ-BLASCO A., HERMENEGILDO C., BOSCH-MORELL F. & ROMERO F. J. **493.P**, 104*S*, 1996

*see* ROMERO M. J., RODRIGO J. M., SERRA M. A., BOSCH-MORELL F. & ROMERO F. J. **493.P**, 104*S*, 1996

*see* FERRI R., BOSCH-MORELL F., ROMERO M. J., GARCÍA-GRANERO E. & ROMERO F. J. **493.P**, 105*S*, 1996

ROMERO I.A. *see* ALESHAIKER A., ROMERO I. A., RIST R. & ABBOTT N. J. **491.P**, 38*P*, 1996

*see* PRESTON J. E., HIMSWORTH D. T. J., ROMERO I. A., ABBOTT N. J. & HIPKISS A. R. **491.P**, 39*P*, 1996

ROMERO M.J.

*ROMERO M. J., RODRIGO J. M., SERRA M. A., BOSCH-MORELL F. & ROMERO F. J.* Circulating lipid peroxidation products in human liver disease: pathophysiology in chronic hepatitis C patients undergoing interferon treatment **493.P**, 104*S*, 1996

*see* FERRI R., BOSCH-MORELL F., ROMERO M. J., GARCÍA-GRANERO E. & ROMERO F. J. **493.P**, 105*S*, 1996

ROOS N. *see* GRIFFITHS G., ROOS N., CUDMORE S., WAY M. & KRIJNSE LOCKER J. **494.P**, 4*S*, 1996

ROPER H. *see* CHILD R., BROWN S., DAY S., DONNELLY A., ROPER H. & SAXTON J. **494.P**, 132*P*, 1996

RÖPER J. *see* STANSFELD C. E., RÖPER J., LUDWIG J., WESELOH R. M., MARSH S. J., BROWN D. A. & PONGS O. **491.P**, 89*P*, 1996

ROPERO M.F. *see* TORMO M. A., ROPERO M. F., MARTINEZ I. M., NIETO M. & CAMPILLO J. E. **493.P**, 123*S*, 1996

*see* CAMPILLO J. E., ROPERO M. F., MARTINEZ I. M., NIETO M. & TORMO M. A. **493.P**, 133*S*, 1996

ROPERO S. *see* LASA M., CHILOECHES A., ARANDA A., ROPERO S., MONTES A. & TORO M. J. **493.P**, 121*S*, 1996

ROQUEMORE E. *see* GIROTTI M., ROQUEMORE E., PONNAMBALAM S. & BANTING G. **494.P**, 4*S*, 1996

ROQUES B.P. *see* TEJEDOR-REAL P., MICÓ J. A., MALDONADO R., ROQUES B. P. & GIBERT-RAHOLA J. **493.P**, 16*S*, 1996

ROSADO J.A.

*ROSADO J. A., SALIDO G. M. & GARCÍA L. J.* Modulation of pancreatic enzyme secretion by protein tyrosine kinases in response to CCK-8 and JMV-180 **493.P**, 154*S*, 1996

*see* ALCON S., ROSADO J. A., PARIENTE J. A., GARCÍA L. J. & POZO M. J. **493.P**, 155*S*, 1996

ROSENBERG M. *see* COLLIER D., COLLIER C., FRANCE J. & ROSENBERG M. **497.P**, 62*P*, 1996

ROSENBERG M.E. *see* DUFFY M. R., SLATER J. C. & ROSENBERG M. E. **491.P**, 76*P*, 1996

*see* BARNETT T. G., PELLING C. W. A. & ROSENBERG M. E. **494.P**, 3*P*, 1996

*ROSENBERG M. E.* Pictures for the archive **494.P**, 27*P*, 1996

*see* BOYD C. A. R., HORDER T. J., KIDD C., ROSENBERG M. E., TANSEY E. M., WEST J. B. & WHIPP B. J. **494.P**, 28*P*, 1996

ROSERO I. *see* PIÉ J., ROSERO I., GARCÍA J. J., PIÉ A. JR, JUSTE M. G., MARTÍNEZ-BALLARÍN E., GROS P. & HERRERA E. **493.P**, 120*S*, 1996

ROSIE R. *see* FINK G., DOW R. C., SUMNER B. E. H., ROSIE R., GRAHAME L. M., BENNIE J. & CARROLL S. **495.P**, 117*P*, 1996

ROSSELLÓ C. *see* NICOLAU M. C., GAMUNDI A., MARTÍN J., ROSSELLÓ C., BARJAU I. & RIAL R. **493.P**, 17*S*, 1996

*see* RIAL R., GAMUNDI A., AKAARIR M., ROSSELLÓ C., RAYÓ J. M. & NICOLAU M. C. **493.P**, 17*S*, 1996

*see* GAMUNDI A., ROSSELLÓ C., ALEMANY G., AKAARIR M., TIMONER G. & NICOLAU M. C. **493.P**, 24*S*, 1996

ROSSI D.

*ROSSI D., BILLUPS B. & ATTWELL D.* Anion conductance produced by the glutamate uptake carrier in glial cells isolated from the tiger salamander retina **491.P**, 147*P*, 1996

*see* BILLUPS B., ROSSI D. & ATTWELL D. **494.P**, 85*P*, 1996

ROTHERY S. *see* TAKAGISHI Y., ISSBERNER J., ROTHERY S., LEVI A. J. & SEVERS N. J. **491.P**, 163*P*, 1996

ROTHWELL J.C. *see* CLOW A., HIGUCHI K., LAMBERT S., HUCKLEBRIDGE F. & ROTHWELL J. C. **491.P**, 73*P*, 1996

*see* HAMDY S., CRONE R., AZIZ Q., ROTHWELL J. C., TALLIS R. C. & THOMPSON D. G. **491.P**, 118*P*, 1996

*see* BROWN R. G., ROTHWELL J. C., RIDDING M. C. & JAHANSHAHI M. **491.P**, 120*P*, 1996

*see* QUARTARONE A., DILAZZARO V., OLIVIERO A. & ROTHWELL J. C. **493.P**, 36*P*, 1996

*see* BROWN R. G., JAHANSHAHI M., LIMOUSIN P. & ROTHWELL J. C. **494.P**, 66*P*, 1996

ROTHWELL N.J.
*see LUHESHI G. N., MILLER A. J., HOPKINS S. J. & ROTHWELL N. J.* **493.P**, 102*P*, 1996
*see MILLER A. J., LUHESHI G. N., HOPKINS S. J. & ROTHWELL N. J.* **493.P**, 102*P*, 1996
*see STROEMER R. P. & ROTHWELL N. J.* **493.P**, 107*P*, 1996
*ROTHWELL N. J.* Actions of cytokines in the brain **493.P**, 46*S*, 1996

ROTLLÁN P. *see AGUILAR J. S., OAKNIN S., RAMOS A., EXPÓSITO I., RODRÍGUEZ-FERRER C. R. & ROTLLÁN P.* **493.P**, 24*S*, 1996

ROUDAS M.S. *see VOROBYEV V. A., MEDVEDEV S. V., PAKHOMOV S. V., ROKHLIN A. S., ROUDAS M. S. & KOROTKOV A. D.* **491.P**, 179*P*, 1996

ROUILLER E.M.
*ROUILLER E. M., BAJO V., ERIKSSON J. & VILLA A. E. P.* Activation of rat auditory associative pathways revealed by Fos-like immunoreactivity after a decision-making paradigm **493.P**, 21*S*, 1996

ROUND J.M.
*ROUND J. M., NEVILL A. M., HONOUR J. & JONES D. A.* Testosterone and the developmental differences in strength between boys and girls **491.P**, 79*P*, 1996

ROWAN M.J. *see WANG Y., ROWAN M. J. & ANWYL R.* **495.P**, 50*P*, 1996
*see HÖLSCHER C., MCGLINCHEY L., ANWYL R. & ROWAN M. J.* **495.P**, 63*P*, 1996

ROWE I.C.M. *see HERSON P. S., DULOCK K. A., ROWE I. C. M. & ASHFORD M. L. J.* **495.P**, 86*P*, 1996
*see MCKENNA F., SMITH M. A., ROWE I. C. M., RICHARDSON P. J. & ASHFORD M. L. J.* **495.P**, 87*P*, 1996

ROWLAND M. *see COLLETT A., WALKER D., SIMS E., HE Y.-L., ROWLAND M. & WARHURST G.* **493.P**, 80*P*, 1996
*see SIMS E., COLLETT A., ROWLAND M. & WARHURST G.* **493.P**, 87*P*, 1996

ROWLANDS S.D.
*ROWLANDS S. D. & ERNSTING J.* Training in human physiology: the work and careers of graduates of the Masters course in Human & Applied Physiology **491.P**, 3*P*, 1996

ROZYCKA M. *see GONZALEZ-SERRATOS H., CORDOBA-RODRIGUEZ R., MATTESON D. R. & ROZYCKA M.* **494.P**, 133*P*, 1996

RUBEN P.C. *see FEATHERSTONE D., RICHMOND J. E. & RUBEN P. C.* **495.P**, 72*P*, 1996

RUBIO M.D.
*see MUÑOZ A., SANTISTEBAN R., RUBIO M. D., AGÜERA E. I., ESCRIBANO B. M. & CASTEJÓN F. M.* **493.P**, 16*S*, 1996
*see FERNÁNDEZ P., TOVAR P., SANTISTEBAN R., AGÜERA E. I., ESCRIBANO B. M. & RUBIO M. D.* **493.P**, 76*S*, 1996
*see TOVAR P., RUBIO M. D., ESCRIBANO B. M., MUÑOZ A. & SANTISTEBAN R.* **493.P**, 76*S*, 1996
*RUBIO M. D., ESCRIBANO B. M., TOVAR P., AGÜERA E. I., MUÑOZ A. & CASTEJÓN F. M.* Plasma and erythrocyte potassium in Andalusian and Anglo-Arab horses subjected to an exercise test: a comparative study **493.P**, 141*S*, 1996
*see AGÜERA E. I., RUBIO M. D., VIVO R., AGÜERA S., ESCRIBANO B. M., MUÑOZ A. & CASTEJON F. M.* **493.P**, 142*S*, 1996
*see ESCRIBANO B. M., RIBER C., MUÑOZ A., TOVAR P., AGÜERA E. I. & RUBIO M. D.* **493.P**, 142*S*, 1996

RUDDOCK K.H. *see MORLAND A. B., OGILVIE J. A. & RUDDOCK K. H.* **497.P**, 62*P*, 1996
*see FINLAY A. L., MORLAND A. B. & RUDDOCK K. H.* **497.P**, 63*P*, 1996

RUEDAS G. *see DE LA FUENTE M., RUEDAS G., DEL RIO M., FERRANDEZ M. D., HERNANZ A. & MIQUEL J.* **493.P**, 140*S*, 1996

RUILOPE L.M.
*RUILOPE L. M.* Rationale basis for the pharmacological treatment of hypertension **493.P**, 66*S*, 1996
*see NAVARRO J., MUÑOZ R., MAESO R., RODRIGO E., CACHOFEIRO V., RUILOPE L. M. & LAHERA V.* **493.P**, 70*S*, 1996

RUIZ J. *see FERNÁNDEZ E., RUIZ J., MORÁN D., GONZÁLEZ-BUITRAGO J. M., GALÁN A. I., MUÑOZ M. E. & JIMÉNEZ R.* **493.P**, 113*S*, 1996

RUIZ R. *see SUCH L., CHORRO F. J., SANCHIS J., LÓPEZ L., RUIZ R. & RODRÍGUEZ A.* **493.P**, 76*S*, 1996
*see RODRÍGUEZ A., CHORRO F. J., ALBEROLA A., RUIZ R., LÓPEZ L. & SUCH L.* **493.P**, 167*S*, 1996

RUIZ-MARCOS A. *see MARTINEZ-GALAN J. R., ALTIMIRAS M. S., PEDRAZA P., DEL REY F. E., MORREALE DE ESCOBAR G. & RUIZ-MARCOS A.* **493.P**, 126*S*, 1996

RUSAK B. *see MASON R., CUTLER D. J., BRACKLEY P. T. H. & RUSAK B.* **495.P**, 48*P*, 1996

RUSH A.M.
*RUSH A. M. & ELLIOTT J. R.* Differential inhibition by anticonvulsants of two distinct types of tetrodotoxin-resistant (TTX-R) sodium currents in small cells isolated from adult rat dorsal root ganglia (DRG) **497.P**, 114*P*, 1996

RUSHTON D.N. *see CRAGGS M. D. & RUSHTON D. N.* **494.P**, 130*P*, 1996

RUSSELL J.A. *see LUDWIG M., RUSSELL J. A. & LENG G.* **495.P**, 2*P*, 1996
*see REDMOND K., DOUGLAS A. J., BICKNELL R. J. & RUSSELL J. A.* **495.P**, 13*P*, 1996
*see OPSTAD K., BULL P., LENG G., MELIN P. & RUSSELL J. A.* **495.P**, 14*P*, 1996
*see DOUGLAS A. J., JOHNSTONE H., HATZINGER M., NEUMANN I., LANDGRAF R. & RUSSELL J. A.* **495.P**, 109*P*, 1996
*see BULL P. M., BROWN L. A. & RUSSELL J. A.* **495.P**, 113*P*, 1996
*see JIA Y., DUTIA M. B. & RUSSELL J. A.* **495.P**, 114*P*, 1996
*see JOHNSTONE H. A., SECKL J. R. & RUSSELL J. A.* **495.P**, 116*P*, 1996
*see BROWN C. H., O'CONNOR M. D., BICKNELL R. J. & RUSSELL J. A.* **495.P**, 118*P*, 1996

RUSZNÁK Z. *see FORSYTHE I. D., BREW H. M., BARNES-DAVIES M., RUSZNÁK Z. & DOUGHTY J. M.* **493.P**, 26*S*, 1996

RUTHERFORD O.M. *see HOLDER-POWELL H. M. & RUTHERFORD O. M.* **491.P**, 79*P*, 1996
*see LYLE N. & RUTHERFORD O. M.* **491.P**, 80*P*, 1996

RUTTER G.A.
*RUTTER G. A., BURNETT P., BRINI M., POZZAN T., TAVARÉ J. M., DENTON R. M. & RIZZUTO R.* Imaging intramitochondrial $Ca^{2+}$ in Chinese hamster ovary cells with recombinant targeted aequorin **493.P**, 16*P*, 1996

RYAN M. *see YOUNG L., SWEENEY P., RYAN M. & FITZPATRICK J. M.* **497.P**, 88*P*, 1996

RYDER K.O. *see MÉSZÁROS J., BRYANT S.M., RYDER K.O. & HART G.* **491.P**, 156*P*, 1996

SABATIER N.
*SABATIER N., RICHARD PH. & DAYANITHI G.* L- and N- but neither P- nor Q-type calcium channels control vasopressin (AVP)-induced $Ca^{2+}$ influx in magnocellular AVP neurones isolated from the rat supraoptic nucleus **495.P**, 111*P*, 1996
*SABATIER N., RICHARD PH. & DAYANITHI G.* A subpopulation of isolated supraoptic magnocellular neurones responds to both oxytocin and vasopressin by a rise in $[Ca^{2+}]_i$ via specific receptors **495.P**, 112*P*, 1996

SABIROV R.Z.
*SABIROV R. Z., TOMINAGA T., MIWA A., OKADA Y. & OIKI S.* Control of block and conductance by conserved arginine in the pore region of an inward rectifier $K^+$ channel, IRK1 **493.P**, 103*P*, 1996

SACHS F. *see NAZIR S. A., DICK D. J., COEN B. A., SACHS F. & LAB M. J.* **494.P**, 111*P*, 1996

SAEB-PARSY K.
*SAEB-PARSY K., CUI L.-N. & DYBALL R. E. J.* Electrophysiological evidence for neural projections from the suprachiasmatic nucleus to the supraoptic nucleus in the anaesthetized rat **495.P**, 111*P*, 1996

SAENZ DE TEJADA I. *see SIMONSEN U., PRIETO D., HERNÁNDEZ M., DELGADO J. A., RESELL L., SAENZ DE TEJADA I. & GARCÍA-SACRISTÁN A.* **493.P**, 82*S*, 1996

SÁENZ DE TEJADA I. *see PRIETO D., HERNÁNDEZ M. V., SÁENZ DE TEJADA I., SIMONSEN U. & GARCÍA-SACRISTÁN A.* **493.P**, 82*S*, 1996

SAFAR M. *see SAMAIN E., DAGHER G., PERRET C., MORIN E., SAFAR M. & RENAUD J. F.* **491.P**, 163*P*, 1996

SAGE S.O. *see MARCHENKO S. M. & SAGE S. O.* **491.P**, 25*P*, 1996

SAGLIOCCO L. *see MARI Z., SAGLIOCCO L., MACCABEE P. J., CRACCO R. Q., BODIS-WOLLNER I. & AMASSIAN V. E.* **495.P**, 131*P*, 1996

SAGOO M.S.
*SAGOO M. S. & LAGNADO L.* Calcium inhibits the cGMP-activated channel in salamander rod photoreceptors **491.P**, 9*S*, 1996

SAHA S.
*SAHA S., BATTEN T. F. C. & MCWILLIAM P. N.* Co-existence of glycine immunoreactivity in a subpopulation of GABAergic terminals in the nucleus tractus solitarii of the cat and the rat **497.P**, 74*P*, 1996

SALHOFF C.R. *see SCHOEPP D. D., SALHOFF C. R. & MONN J. A.* **493.P**, 50*P*, 1996

SALIDO G.M. *see GONZÁLEZ A., SALIDO G. M., PARIENTE J. A. & CAMELLO P. J.* **493.P**, 152*S*, 1996
*see PARIENTE J. A., CAMELLO C., GONZÁLEZ A., CAMELLO P. J. & SALIDO G. M.* **493.P**, 154*S*, 1996
*see ROSADO J. A., SALIDO G. M. & GARCÍA L. J.* **493.P**, 154*S*, 1996
*see TAPIA J. A., GONZÁLEZ A., GARCÍA L. J. & SALIDO G. M.* **493.P**, 154*S*, 1996

*see* LAJAS A. I., POZO M. J., SALIDO G. M. & PARIENTE J. A. **493.P**, 155*S*, 1996

SALMON A.H.J. *see* MAYS J. L., SALMON A. H. J., DALTON G. R., EVANS S. J., JONES J. V. & LEVI A. J. **493.P**, 28*P*, 1996

SALOM J.B. *see* MIRANDA F. J., SALOM J. B., BARBERÁ M. D., ORTÍ M. & ALBORCH E. **493.P**, 38*S*, 1996

SALTER D.M. *see* WRIGHT M. O. & SALTER D. M. **495.P**, 14*P*, 1996

SALTIN B. *see* ROACH R. C., CALBET J. A., OLSEN N. V., POULSEN T. D., VISSING S. F. & SALTIN B. **491.P**, 60*P*, 1996

*see* BLOMSTRAND E., RÅDEGRAN G. & SALTIN B. **491.P**, 61*P*, 1996

*see* RÅDEGRAN G., STRANGE S. & SALTIN B. **491.P**, 83*P*, 1996

*see* KOSKOLOU M. D., ROACH R. C., CALBET J. A. L. & SALTIN B. **495.P**, 137*P*, 1996

SALT T.E. *see* BINNS K. E., SAUVE Y. & SALT T. E. **494.P**, 16*P*, 1996

*see* BINNS K. E. & SALT T. E. **497.P**, 64*P*, 1996

SALVADOR M.T.

SALVADOR M. T., RODRÍGUEZ-YOLDI M. C., ALCALDE A. I. & RODRÍGUEZ-YOLDI M. J. Characteristics of the L-leucine uptake inhibition by serotonin across the jejunum of rabbit **493.P**, 107*S*, 1996

SALVAYRE R. *see* ARNAL J. F., CLAMENS S., PECHET C., NEGRE-SALVAYRE A., ALLERA C., GIROLAMI J.-P., SALVAYRE R. & BAYARD F. **491.P**, 18*P*, 1996

SAMAIN E.

SAMAIN E., DAGHER G., PERRET C., MORIN E., SAFAR M. & RENAUD J. F. Paradoxical effect of cicletanine on $Na^+$–$H^+$ exchanger in cardiomyocytes **491.P**, 163*P*, 1996

SAN ANDRÉS M.D. *see* BARAHONA M. V., SÁNCHEZ-FORTÚN S., SAN ANDRÉS M. D., BALLESTEROS E. & SAN ANDRÉS M. I. **493.P**, 31*S*, 1996

SAN ANDRÉS M.I. *see* BARAHONA M. V., SÁNCHEZ-FORTÚN S., SAN ANDRÉS M. D., BALLESTEROS E. & SAN ANDRÉS M. I. **493.P**, 31*S*, 1996

SANCHEZ-ANDRES J.V. *see* ANDREU E., SORIA B. & SANCHEZ-ANDRES J. V. **493.P**, 153*S*, 1996

SANCHEZ-ANDRÉS J.V. *see* SORIA B., ANDREU E., SANCHEZ-ANDRÉS J. V., MONTAÑA E. & MARTÍN F. **494.P**, 142*P*, 1996

SÁNCHEZ-ANDRÉS J.V. *see* BOLEA S., DE LA PRIDA L. M. & SÁNCHEZ-ANDRÉS J. V. **493.P**, 30*S*, 1996

*see* DE LA PRIDA L. M., BOLEA S. & SÁNCHEZ-ANDRÉS J. V. **493.P**, 30*S*, 1996

SÁNCHEZ-DEL-PINO M.J. *see* PÉREZ-MORENO A., SÁNCHEZ-DEL-PINO M. J., LUNA-GÁLVEZ S., GÓMEZ-GÓMEZ C. & NAVARRO-ARÉVALO A. **493.P**, 135*S*, 1996

SÁNCHEZ-FORTÚN S. *see* BARAHONA M. V., SÁNCHEZ-FORTÚN S., SAN ANDRÉS M. D., BALLESTEROS E. & SAN ANDRÉS M. I. **493.P**, 31*S*, 1996

SÁNCHEZ-GARCÍA P. *see* DE LA FUENTE M. T., MAROTO R., SÁNCHEZ-GARCÍA P. & GARCÍA A. G. **493.P**, 127*S*, 1996

SÁNCHEZ-MARTÍN M.-M.

SÁNCHEZ-MARTÍN M.-M., MIRALLES J.-M. & CABEZAS J. A. Variations in the activity of some hydrolases and in the concentration of some growth factors in sera of healthy humans of different ages subjected to physiological stimuli **493.P**, 60*S*, 1996

SANCHIS J. *see* SUCH L., CHORRO F. J., SANCHIS J., LÓPEZ L., RUIZ R. & RODRÍGUEZ A. **493.P**, 76*S*, 1996

*see* ARTAL L., CHORRO F. J., SANCHIS J., LLAVADOR J. J., RODRÍGUEZ A. & SUCH L. **493.P**, 77*S*, 1996

SANCHO M.J. *see* GONZÁLEZ-QUIJANO M. I., MARTÍN M., MILLÁN S., SANCHO M. J. & LÓPEZ-CALDERÓN A. **493.P**, 52*S*, 1996

SANCHO S. *see* ALBEROLA A., REVERT F., MOYA A., GARCÍA J., BELTRÁN J., SANCHO S. & SUCH L. **493.P**, 77*S*, 1996

SANDERS K.M. *see* WARD S. M., BAYGUINOV J., STRATTON C. J., BURNS A. J. & SANDERS K. M. **495.P**, 94*P*, 1996

SANDLE G.I. *see* BUTTERFIELD I. & SANDLE G. I. **495.P**, 96*P*, 1996

SANDOVAL M.C.

SANDOVAL M. C., GONZÁLEZ-FERNÁNDEZ M. & REY DE VIÑAS J. L. Brain DNA and RNA metabolism in rats fed diets lacking aromatic amino acids and energy deficiency **493.P**, 132*S*, 1996

SANDOVAL M. C., GONZÁLEZ-FERNÁNDEZ M. & REY DE VIÑAS J. L. Free branched-chain amino acids in plasma, red cells and brain of rats fed diets lacking aromatic amino acids and energy deficiency **493.P**, 132*S*, 1996

SANDS J. *see* HEBERT S. C., BROWN E., RICCARDI D., HARRIS W., SANDS J. & WANG W. **493.P**, 5*S*, 1996

SANGSTER L.

SANGSTER L., STEWART R., ZIETLOW R. & MCCAIG C. D. The neurotrophins NT-3, BDNF and NT-4 enhance electric field-directed nerve growth **495.P**, 155*P*, 1996

SANGSTER N.C. *see* ROBERTSON A. P., BJORN H., SANGSTER N. C. & MARTIN R. J. **495.P**, 83*P*, 1996

SAN ROMÁN J.I.

SAN ROMÁN J. I., GARCÍA-BENITO M., HERNÁNDEZ-GUIJO J. M., ACOSTA J. J., LÓPEZ M. A. & CALVO J. J. CCK release after intraduodenal acidification: effect of cholinergic blockade **493.P**, 100*S*, 1996

*see* DELGADO S., SAN ROMÁN J. I., BRAGADO J., LÓPEZ M. A. & CALVO J. J. **493.P**, 114*S*, 1996

*see* DÍEZ-LOZANO J. R., SAN ROMÁN J. I., ESQUERRO E., CALVO J. J. & LÓPEZ M. A. **493.P**, 115*S*, 1996

*see* GARCÍA-MORENO C., SAN ROMÁN J. I., MARTÍN M., GARCÍA-TALAVERA J. R., CALVO J. J. & DEL PINO J. **493.P**, 137*S*, 1996

*see* GARCÍA-MORENO C., SAN ROMÁN J. I., MARTÍN M., GARCÍA-TALAVERA J. R., CALVO J. J. & DEL PINO J. **493.P**, 138*S*, 1996

SAN ROMÁN L. *see* VELASCO C., MORÁN A., FERNÁNDEZ M. M., PRIETO P., MARTÍN M. L. & SAN ROMÁN L. **493.P**, 75*S*, 1996

*see* MORÁN A., VELASCO C., PRIETO P., MARTÍN M. L. & SAN ROMÁN L. **493.P**, 86*S*, 1996

SANTACANA M. *see* HEREDIA M., RIOLOBOS A. S., YAJEYA J., CRIADO J. M., DE LA FUENTE A. & SANTACANA M. **493.P**, 22*S*, 1996

SANTACANA M., DE LA VEGA A. G., HEREDIA M. & VALVERDE F. LHRH fibres are found in the optic nerve, the chiasm and the optic tract of the rat **493.P**, 50*S*, 1996

SANTISTEBAN R. *see* MUÑOZ A., SANTISTEBAN R., RUBIO M. D., AGÜERA E. I., ESCRIBANO B. M. & CASTEJÓN F. M. **493.P**, 16*S*, 1996

*see* MUÑOZ A., CASTEJÓN F. M., TOVAR P., VIVO R., ESCRIBANO B. M. & SANTISTEBAN R. **493.P**, 17*S*, 1996

*see* FERNÁNDEZ P., TOVAR P., SANTISTEBAN R., AGÜERA E. I., ESCRIBANO B. M. & RUBIO M. D. **493.P**, 76*S*, 1996

*see* TOVAR P., RUBIO M. D., ESCRIBANO B. M., MUÑOZ A. & SANTISTEBAN R. **493.P**, 76*S*, 1996

SANZ A. *see* BOSCH-MORELL F., SANZ A., BELDA J., DÍAZ-LLOPIS M. & ROMERO F. J. **493.P**, 23*S*, 1996

SANZ B.

SANZ B. & MORA F. Increase of extracellular glutamic acid and GABA produced by a M1 muscarinic receptor agonist in the medial prefrontal cortex of the concious rat **493.P**, 18*S*, 1996

SAPSED-BYRNE S.

SAPSED-BYRNE S. & HOLDCROFT A. Alterations in tail flick latency in the anaesthetized rat with different phases of the oestrous cycle **495.P**, 25*P*, 1996

SARANTIS M. *see* BILLUPS B., SARANTIS M. & ATTWELL D. **494.P**, 3*P*, 1996

SARDINI A.

SARDINI A., GOODFELLOW H. R., HIGGINS C. F. & MCNAUGHTON P. A. Mutation of sites phosphorylated by protein kinase C in the human multidrug resistance P-glycoprotein has no effect on drug transport **491.P**, 97*P*, 1996

SARGEANT A.J. *see* BEELEN A., NOLLET F. & SARGEANT A. J. **491.P**, 127*P*, 1996

*see* NOLLET F., BEELEN A. & SARGEANT A. J. **491.P**, 128*P*, 1996

SARGEANT A. J. & RADEMAKER A. Human muscle power in the locomotory range of contraction velocities increases with temperature due to an increase in power generated by type I fibres **491.P**, 128*P*, 1996

SARKER M.H.

SARKER M. H. & FRASER P. A. Effect of 5-HT in the regulation of cerebral microvascular permeability in the anaesthetized rat **491.P**, 29*P*, 1996

*see* WOLFF C. B., SARKER M. H. & FRASER P. A. **491.P**, 31*P*, 1996

SASTRE J. *see* VIÑA J., DE LA ASUNCIÓN J. G., MILLÁN A., BRUSEGHINI L., PALLARDÓ F. V. & SASTRE J. **491.P**, 44*P*, 1996

*see* VIÑA J., PALLARDÓ F. V., SASTRE J., ASENSI M., DE LA ASUNCIÓN J. G. & MILLÁN A. **493.P**, 57*S*, 1996

SATO H. *see* SIOW R. C. M., SATO H., PEARSON J. D. & MANN G. E. **491.P**, 31*P*, 1996

SATO H., SIOW R. C. M., TAKETANI S., ISHII T., BANNAI S. & MANN G. E. Oxidative stress and sulfhydryl-reactive agents enhance heme oxygenase-1 expression in pancreatic islet and acinar cell lines **491.P**, 41*P*, 1996

SATTELLE D.B. *see* GROLLEAU F., LAPIED B., BUCKINGHAM S. D., MASON W. D. & SATTELLE D. B. **491.P**, 107*P*, 1996

*see* HOSIE A. M., MATSUDA K. & SATTELLE D. B. **495.P**, 40*P*, 1996

*see* MATSUDA K., BAYLIS H. A., SQUIRE M. D. & SATTELLE D. B. **495.P**, 40*P*, 1996

SAUNDERS J.C. *see* LI J., SAUNDERS J. C., GILMOUR R. S. & FOWDEN A. L. **494.P**, 38*P*, 1996

SAUVE Y. *see* BINNS K. E., SAUVE Y. & SALT T. E. **494.P**, 16*P*, 1996

SAVIC G. *see* SMITH H. C., DAVEY N. J., MASKILL D. W., SAVIC G. & ELLAWAY P. H. **497.P**, 104*P*, 1996

SAWEIRS M.

*SAWEIRS M., EYRE J. A. & MILLER S.* Patterns of long ascending propriospinal reflexes in shoulder muscles in human subjects following electrical stimulation of different nerves in the lower limb **494.P**, 22*P*, 1996

SAWYER A. *see SHARMA S., SAWYER A., WILLIAMS A. & FORSLING M. L.* **497.P**, 98*P*, 1996

SAXTON J. *see CHILD R., BROWN S., DAY S., DONNELLY A., ROPER H. & SAXTON J.* **494.P**, 132*P*, 1996

SAYER R.J. *see BROWN A. M. & SAYER R. J.* **493.P**, 57*P*, 1996

SAYERS R.D. *see HILLIER C., SAYERS R. D., NAYLOR R., BELL P. R. F. & THURSTON H.* **491.P**, 7*P*, 1996

SCHAIBLE H.-G.

*SCHAIBLE H.-G.* Animal models of human pain states **491.P**, 18*S*, 1996

*SCHAIBLE H.-G.* Changes in spinal processing of nociception during peripheral inflammation **495.P**, 16*S*, 1996

SCHMALZ F. *see HOROWITZ B., VOGALIS F., VINCENT T., QUERSHI I., SCHMALZ F. & WARD M.* **495.P**, 90*P*, 1996

SCHOEPFER R. *see WYLLIE D., BÉHÉ P., EDMONDS B., NASSAR M., SCHOEPFER R. & COLQUHOUN D.* **491.P**, 135*P*, 1996

*see LEWIS T. M., SIVILOTTI L. G., COLQUHOUN D., GARDINER R. M., SCHOEPFER R. & REES M.* **494.P**, 77*P*, 1996

*see LEWIS T. M., SIVILOTTI L. G., COLQUHOUN D., GARDINER R. M., SCHOEPFER R. & REES M.* **497.P**, 112*P*, 1996

SCHOEPP D.D.

*SCHOEPP D. D., SALHOFF C. R. & MONN J. A.* 1*S*,3*R*-ACPD stimulation of phosphoinositide hydrolysis in adult rat hippocampal slices is mediated by a synergistic interaction between group 1 and group 2 mGluRs **493.P**, 50*P*, 1996

*see BLEAKMAN D., SCHOEPP D. D., LODGE D., ORNSTEIN P. L., BUFTON H., SHARPE E. F., THOMAS K., BALLYK B. & KAMBOJ R.* **493.P**, 51*P*, 1996

SCHOFIELD S. *see KOSTOGLOU-ATHANASSIOU I., SCHOFIELD S., LOMAX N., TREACHER D. F. & FORSLING M. L.* **494.P**, 142*P*, 1996

SCHOLFIELD C.N.

*SCHOLFIELD C. N., HOEY E. & TRIMBLE E. R.* L-type $Ca^{2+}$ conductances in bovine retinal pericytes in culture **495.P**, 90*P*, 1996

SCHOMBURG E.D.

*SCHOMBURG E. D., STEFFENS H. & HAGENAH J.* Similarities of opioid and L-DOPA action on nociceptive and non-nociceptive reflex pathways in spinal cats **497.P**, 105*P*, 1996

SCHUBERT M.

*SCHUBERT M., CURT A., JENSEN L. & DIETZ V.* The effect of transcranial magnetic stimulation during human locomotion: modulation of corticospinal input **494.P**, 65*P*, 1996

SCHULTE A. *see CHOW R. H., SCHULTE A. & SHIPSTON M. J.* **495.P**, 4*P*, 1996

SCHWARZACHER S. *see RICHTER D. W., LALLEY P., PIERREFICHE O. & SCHWARZACHER S.* **494.P**, 16*S*, 1996

SCHWIENING C.J.

*SCHWIENING C. J.* Drawing on glass under oil: an easy way of forming small droplets around single cells **493.P**, 4*P*, 1996

SCOTT A.

*SCOTT A., LEEM C. H., RADDA G. K. & VAUGHAN-JONES R. D.* $pH_o$ dependence of $pH_i$ following $Na^+$–$H^+$ exchange inhibition in single guinea-pig ventricular myocytes **497.P**, 58*P*, 1996

SCOTT J.J.A. *see PETIT J., REYNOLDS K. J. & SCOTT J. J. A.* **491.P**, 118*P*, 1996

SCOTT P.H.

*SCOTT P. H., BELHAM C. M., PEACOCK A. J. & PLEVIN R.* Hypoxia and cellular signalling **491.P**, 3*S*, 1996

SCOTT R.H. *see CRAWFORD J. H., WAINWRIGHT A., HEAVENS R., SCOTT R. H. & SEABROOK G. R.* **495.P**, 46*P*, 1996

*see AYAR A. & SCOTT R. H.* **495.P**, 59*P*, 1996

*see AYAR A., ZEHAVI U., TRENTHAM D. & SCOTT R. H.* **497.P**, 113*P*, 1996

SCRATCHERD T.

*SCRATCHERD T., OTUN H., AHMED B., GREENWELL J. R., KOTRE J. & GILLESPIE J. I.* Visualization of fluid shifts in the human calf using electrical impedance tomography **497.P**, 69*P*, 1996

SCULLION S.

*SCULLION S., ANTONIJEVIC I. & LENG G.* Investigating the relationship between uterine pressure changes and electrical activity of supraoptic neurones in anaesthetized term pregnant rats **495.P**, 5*P*, 1996

SEABROOK G.R. *see CRAWFORD J. H., WAINWRIGHT A., HEAVENS R., SCOTT R. H. & SEABROOK G. R.* **495.P**, 46*P*, 1996

*see IRVING A. J., PALMER M. J., HARVEY J., SEABROOK G. R. & COLLINGRIDGE G. L.* **495.P**, 49*P*, 1996

SEARLE M.-J. *see DEBNAM E. S., SHARP P. A., SRAI S. K. S., ABAYASEKARA D. R. E. & SEARLE M.-J.* **495.P**, 103*P*, 1996

SEARS C.E.

*SEARS C. E. & PATERSON D. J.* Role of nitric oxide in the rate and contraction responses to acetylcholine following adrenergic stimulation in the isolated frog heart **495.P**, 167*P*, 1996

SEARS T.A. *see SEERS C. P. & SEARS T. A.* **494.P**, 101*P*, 1996

SECHER N.H. *see BOUSHEL R., MADSEN P., NIELSEN H. B., QUISTORFF B. & SECHER N. H.* **491.P**, 69*P*, 1996

*see VISSING S. F., SECHER N. H. & VICTOR R. G.* **491.P**, 70*P*, 1996

*see BOUSHEL R., MADSEN P., NIELSEN H. B. & SECHER N. H.* **495.P**, 138*P*, 1996

SECKL J.R. *see JOHNSTONE H. A., SECKL J. R. & RUSSELL J. A.* **495.P**, 116*P*, 1996

*see BULLING D. G. S., MCQUEEN D. S. & SECKL J. R.* **495.P**, 24*P*, 1996

SEDGWICK E.M. *see TODD B. A. & SEDGWICK E. M.* **495.P**, 35*P*, 1996

SEERS C.P.

*SEERS C. P. & SEARS T. A.* Vagally dependent changes in heart rate due to hyperoxia in the young anaesthetized cat **494.P**, 101*P*, 1996

SEGARRA G. *see NOGUERA I., MEDINA P., SEGARRA G., MARTÍNEZ M. C., ALDASORO M., VILA J. M. & LLUCH S.* **493.P**, 70*S*, 1996

*SEGARRA G., MEDINA P., NOGUERA I., ALDASORO M., VILA J. M., FLOR B. & LLUCH S.* Interaction between vasopressin and adrenergic responses in human mesenteric arteries **493.P**, 79*S*, 1996

SEGOVIA G.

*SEGOVIA G., PORRAS A. & MORA F.* Effects of 4-aminopirydine and L-trans-pyrrolidine-3,4-dicarboxylic acid on extracellular concentrations of glutamate and taurine in striatum of the freely moving rat **493.P**, 19*S*, 1996

SELGAS L. *see CASTRILLÓN P. O., GARCÍA-BONACHO M., SELGAS L., ESQUIFINO A. I. & ARCE A.* **493.P**, 48*S*, 1996

*SELGAS L., ARCE A., GARCÍA-BONACHO M., CASTRILLON P. O. & ESQUIFINO A. I.* Diurnal rhythms in submaxillary lymph nodes lymphocyte responsiveness *in vitro*. Effect of cyclosporine **493.P**, 48*S*, 1996

*see ARCE A., CASTRILLÓN P. O., SELGAS L., GARCIA-BONACHO M. & ESQUIFINO A. I.* **493.P**, 49*S*, 1996

*see ARCE A., SELGAS L., GARCIA-BONACHO M., CASTRILLÓN P. O., DELLA MAGGIORE V., CARDINALI D. P. & ESQUIFINO A. I.* **493.P**, 49*S*, 1996

*see GARCÍA-BONACHO M., CASTRILLÓN P. O., ARCE A., SELGAS L. & ESQUIFINO A. I.* **493.P**, 52*S*, 1996

SELLAK H. *see PASQUIER C., FRANZINI E., SELLAK H. & HAKIM J.* **491.P**, 44*P*, 1996

SELYANKO A.A. *see BROWN D. A., MARSH S. J., TROUSLARD J., LEANEY J., DUFFY S. M. & SELYANKO A. A.* **493.P**, 28*S*, 1996

*SELYANKO A. A.* Single apamin-sensitive, small conductance calcium-activated potassium channels (SKCa) in membrane patches from rat sympathetic neurones **494.P**, 52*P*, 1996

SEMPLE S.J.G. *see THOMSON S., CORDINGLEY J. J., SEMPLE S. J. G., PALAZZO M. G. A. & CROSS B. A.* **493.P**, 2*P*, 1996

SENGPIEL F. *see FREEMAN T. C. B., SENGPIEL F. & BLAKEMORE C.* **494.P**, 18*P*, 1996

SENOK S.S.

*SENOK S. S. & BAUMANN K. I.* Functional evidence for calcium-induced calcium release in isolated rat vibrissal Merkel cell mechanoreceptors **491.P**, 112*P*, 1996

SEO Y. *see STEWARD M. C., SEO Y., LARCOMBE-MCDOUALL J. B. & MURAKAMI M.* **493.P** 105*P*, 1996

SERCK-HANSSEN G. *see GRINDE E., NÆSS V., FLADEBY C. & SERCK-HANSSEN G.* **493.P**, 126*S*, 1996

SERI M. *see BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V.* **491.P**, 146*P*, 1996

*see BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V.* **491.P**, 9*S*, 1996

SERJEANT G.R. *see MOHAN J. S., MARSHALL J. M., SERJEANT G. R. & REID H.* **497.P**, 70*P*, 1996

SERRA M.A. *see ROMERO M. J., RODRIGO J. M., SERRA M. A., BOSCH-MORELL F. & ROMERO F. J.* **493.P**, 104*S*, 1996

SERRANO M.A.

*SERRANO M. A., BRITES D., MONTE M. J., BRAVO P., POEIRAS J., OLIVEIRA N. & MARIN J. J. G.* Cholestasis of the pregnancy affects the kinetics of bile acid transport across the human placenta **493.P**, 101*S*, 1996

*see MARIN J. J. G., MONTE M. J. & SERRANO M. A.* **493.P**, 159*S*, 1996

*see* MONTE M. J., SERRANO M. A., VILLANUEVA G. R., BARBERO E. R., HERRERA M. C., CRIADO J., DOMINGUEZ M. F. & MARIN J. J. G. **493.P**, 162*S*, 1996

*see* BRAVO P., SERRANO M. A., GUTIERREZ M., VILLANUEVA G. R. & MARIN J. J. G. **494.P**, 35*P*, 1996

SERRA R. *see* RAMÍREZ P., MATEOS J. C., CARRIÓN N., BELLIDO J. & SERRA R. **493.P**, 32*S*, 1996

SESTI F. *see* BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V. **491.P**, 146*P*, 1996

*see* BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V. **491.P**, 9*S*, 1996

SEVERS N.J. *see* TAKAGISHI Y., ISSBERNER J., ROTHERY S., LEVI A. J. & SEVERS N. J. **491.P**, 163*P*, 1996

*see* REES S. A., PATERNOSTRO G., PABLA R., STEVENSON S., ADAMS R. J., KNOX K., RADDA G. K., SEVERS N. J. & POWELL T. **497.P**, 51*P*, 1996

SEWELL D.A. *see* GREEN A. L., SEWELL D. A., SIMPSON L., HULTMAN E., MACDONALD I. A. & GREENHAFF P. L. **491.P**, 63*P*, 1996

SEWELL K.J.

SEWELL K. J., SHIRLEY D. G., MICHAEL A. E., THOMPSON A., NORGATE D. P. & UNWIN R. J. Changes in the urinary $Na^+$ : $K^+$ ratio following inhibition of renal 11$\beta$-hydroxysteroid dehydrogenase (11$\beta$-HSD) in anaesthetized rats **497.P**, 90*P*, 1996

SEXTON S. *see* PARKINSON L., AMIN A. M., MOHAMED H., DAGENS S., O'CONNELL J., REILLY A., SEXTON S., SHIELS G. & BELL C. **495.P**, 143*P*, 1996

SEYMOUR A.-M.L. *see* CLARKE S. B., DRAKE-HOLLAND A. J., HYND J., NOBLE M. I. M. & SEYMOUR A.-M. L. **493.P**, 28*P*, 1996

*see* CLARKE S. B., DRAKE-HOLLAND A. J., HYND J., WRIGHT Z., MANSARAY M., NOBLE M. I. M. & SEYMOUR A.-M.L. **497.P**, 50*P*, 1996

SHACKLETON S. *see* MOBASHERI A., SHACKLETON S., HARRIS A., HALL A. C. & URBAN J. P. G. **491.P**, 96*P*, 1996

SHAH A.M. *see* LANG D., SMALL G. R., SHAH A. M. & LEWIS M. J. **491.P**, 18*P*, 1996

*see* DRAPER N. J. & SHAH A. M. **491.P**, 130*P*, 1996

SHAH P.J.R. *see* MCFARLANE J. P., FOLEY S. J., DE WINTER P., SHAH P. J. R. & CRAGGS M. D. **497.P**, 16*P*, 1996

SHAH S.W.

SHAH S. W., MCARDLE H. J. & HUNDAL H. S. Characteristics of glucose transport in cultured human choriocarcinoma cells (BeWo) **493.P**, 84*P*, 1996

SHANKS N. *see* WINDLE R. J., SHANKS N., WOOD S., LIGHTMAN S. L. & INGRAM C. D. **493.P**, 44*P*, 1996

*see* WINDLE R. J., SHANKS N., SHILES P. A., WOOD S., LIGHTMAN S. L. & INGRAM C. D. **495.P**, 108*P*, 1996

SHARMA S.

SHARMA S., SAWYER A., WILLIAMS A. & FORSLING M. L. Melatonin has a dose-dependent effect on basal oxytocin concentrations in man **497.P**, 98*P*, 1996

SHARP P.A. *see* O'RIORDAN D. K., SIMPSON R. J., SHARP P. A., DEBNAM E. S. & SRAI S. K. S. **494.P**, 56*P*, 1996

*see* DEBNAM E. S., SHARP P. A., SRAI S. K. S., ABAYASEKARA D. R. E. & SEARLE M.-J. **495.P**, 103*P*, 1996

SHARP P.J. *see* GEORGIOU G. C., SHARP P. J. & LEA R. W. **497.P**, 109*P*, 1996

SHARPE E.F. *see* BLEAKMAN D., SCHOEPP D. D., LODGE D., ORNSTEIN P. L., BUFTON H., SHARPE E. F., THOMAS K., BALLYK B. & KAMBOJ R. **493.P**, 51*P*, 1996

SHARPE G.R.

SHARPE G. R., MCCONNELL A. K. & CAINE M. P. Does the baseline strength of human inspiratory muscles influence their fatigueability? **491.P**, 69*P*, 1996

SHARPE G. R., HAMER M., CAINE M. P. & MCCONNELL A. K. Respiratory muscle fatigue during and following a sprint triathlon in humans **495.P**, 139*P*, 1996

SHAYAKUL C. *see* SMITH C. P., SHAYAKUL C., KNEPPER M.A. & HEDIGER M. A. **493.P**, 2*S*, 1996

SHEADER E.A. *see* DOUGLAS I. J., MILEY H. E., SHEADER E. A. & TAYLOR T. R. **493.P**, 56*P*, 1996

*see* BEST L., SHEADER E. A., MILEY H. & BROWN P. D. **495.P**, 82*P*, 1996

SHEADER E. A., MILEY H. E., BEST L. & BROWN P. D. Glucose-induced volume changes in $\beta$-cells isolated from the rat pancreas **495.P**, 82*P*, 1996

SHELTON P.A. *see* DAVIES N. W., SHELTON P. A., CONLEY E. C. & STANFIELD P. R. **495.P**, 89*P*, 1996

SHEPPARD D.N.

SHEPPARD D. N. A single-channel investigation of glibenclamide inhibition of human CFTR $Cl^-$ channels expressed in a murine cell line **495.P**, 80*P*, 1996

SHERIDAN D.J. *see* FLORES N. A., BOTCHWAY A., COHEN H., FRY C. H. & SHERIDAN D. J. **497.P**, 55*P*, 1996

SHEWARD W.J.

SHEWARD W. J., LUTZ E. M. & HARMAR A. J. The presence of mRNA for subtypes of the vasoactive intestinal peptide receptor during development of the mouse embryo **491.P**, 96*P*, 1996

SHIELDS D.

SHIELDS D., CHEN Y., LING W. L. W., AUSTIN C., ELGORT A. & WU F. Prohormone processing and formation of nascent secretory vesicles **494.P**, 5*S*, 1996

SHIELS G. *see* PARKINSON L., AMIN A. M., MOHAMED H., DAGENS S., O'CONNELL J., REILLY A., SEXTON S., SHIELS G. & BELL C. **495.P**, 143*P*, 1996

SHILES P.A. *see* WINDLE R. J., SHANKS N., SHILES P. A., WOOD S., LIGHTMAN S. L. & INGRAM C. D. **495.P**, 108*P*, 1996

SHIPSTON M.J. *see* CHOW R. H., SCHULTE A. & SHIPSTON M. J. **495.P**, 4*P*, 1996

SHIRAZI-BEECHEY S.P. *see* DE LA HORRA C., CALONGE M. L., GRIBBLE S. M., WOOD I. S., ILUNDIN A. A. & SHIRAZI-BEECHEY S. P. **493.P**, 102*S*, 1996

SHIRLEY D.G. *see* BAILEY M. A., SHIRLEY D. G., UNWIN R. J. & WALTER S. J. **493.P**, 77*P*, 1996

*see* UNWIN R. J., SHIRLEY D. G., WALTER S. J., CAPASSO G. & GIEBISCH G. **493.P**, 96*P*, 1996

*see* SEWELL K. J., SHIRLEY D. G., MICHAEL A. E., THOMPSON A., NORGATE D. P. & UNWIN R. J. **497.P**, 90*P*, 1996

SHIRREFFS S.M.

SHIRREFFS S. M. & MAUGHAN R. J. The effect of alcohol consumption on the restoration of blood and plasma volume following exercise-induced dehydration in man **491.P**, 64*P*, 1996

SHIRREFFS S. M. & MAUGHAN R. J. An improved method for sweat collection and compositional analysis in exercising man **495.P**, 12*P*, 1996

SHMIGOL A.V. *see* SMITH R. D., SHMIGOL A. V., TAGGART M. J., WRAY S. & EISNER D. A. **491.P**, 168*P*, 1996

SHORE A.C. *see* MORRIS S. J., SHORE A. C., JAAP A. J. & TOOKE J. E. **491.P**, 14*P*, 1996

*see* KUNZEK S., MORRIS S. J. & SHORE A. C. **491.P**, 35*P*, 1996

SHORE A. C., JUNGER M. & HAHN M. Effect of prostaglandins on capillary nailfold blood pressure in healthy volunteers **491.P**, 40*P*, 1996

SHORT A. *see* CANDY E., MCCONNELL G. & SHORT A. **495.P**, 7*P*, 1996

SHORT A.D. *see* DJOUHRI L., BROWN A. G. & SHORT A. D. **495.P**, 21*P*, 1996

SHYNG S.-L.

SHYNG S.-L., CLEMENT J. IV, BRYAN J. & NICHOLS C. G. Cloned KATP channels show mild inward rectification resulting from voltage-dependent block by $Mg^{2+}$ and polyamines **494.P**, 51*P*, 1996

SIBLEY C.P. *see* TEIN M. S. C., BIRDSEY T. J., GARLAND H. O., BALMENT R. J., BOYD R. D. H. & SIBLEY C. P. **493.P**, 85*P*, 1996

*see* GREENWOOD S. L., SIDES M. K. & SIBLEY C. P. **493.P**, 107*P*, 1996

*see* DOUGHTY I. M., GLAZIER J. D., POWELL T. L., JANSSON T. & SIBLEY C. P. **494.P**, 31*P*, 1996

*see* CLARSON L. H., GREENWOOD S. L., SIDES M. K. & SIBLEY C. P. **494.P**, 32*P*, 1996

*see* GREENWOOD S. L., SIDES M. K. & SIBLEY C. P. **494.P**, 32*P*, 1996

*see* TEIN M. S. C., BREEN S. A., LOVEDAY B. E., GARLAND H. O., BALMENT R. J., BOYD R. D. H. & SIBLEY C. P. **497.P**, 126*P*, 1996

SIDERA C. *see* MCINTOSH P., SOUTHAN A. P., AKHTAR S., SIDERA C., USHKARYOV Y., DOLLY J. O. & ROBERTSON B. **495.P**, 87*P*, 1996

SIDES M.K. *see* GREENWOOD S. L., SIDES M. K. & SIBLEY C. P. **493.P**, 107*P*, 1996

*see* CLARSON L. H., GREENWOOD S. L., SIDES M. K. & SIBLEY C. P. **494.P**, 32*P*, 1996

*see* GREENWOOD S. L., SIDES M. K. & SIBLEY C. P. **494.P**, 32*P*, 1996

SIES H.

SIES H. Oxidative stress: oxidants and antioxidants **491.P**, 2*S*, 1996

SIHRA T.S. *see* LUKYANETZ E. A., PIPER T. P., DOLPHIN A. C. & SIHRA T. S. **494.P**, 79*P*, 1996

SILLITO A.M. *see* MURPHY P. C. & SILLITO A. M. **494.P**, 17*P*, 1996

SILVA-CARVALHO J. *see* GONCALVES V., ROCHA I., SILVA-CARVALHO L. & SILVA-CARVALHO J. **494.P**, 103*P*, 1996

SILVA-CARVALHO L. *see* GONCALVES V., ROCHA I., SILVA-CARVALHO L. & SILVA-CARVALHO J. **494.P**, 103*P*, 1996

SILVER R.A.

SILVER R. A., FARRANT M. & CULL-CANDY S. G. Filtering of synaptic currents estimated from the time course of NMDA channel opening at the rat cerebellar mossy fibre–granule cell synapse **494.P**, 85*P*, 1996

*see* MOMIYAMA A., SILVER R. A. & CULL-CANDY S. G. **494.P**, 86*P*, 1996

SIM A.J.W. *see* DIB R., GARNER A., MENSAH-BROWN E., BROADBENT K. & SIM A. J. W. **493.P,** 78*P*, 1996

SIMMONS N.L. *see* CAVET M. E., WEST M. & SIMMONS N. L. **493.P,** 61*P*, 1996

*see* WALKER D., THWAITES D. T., SIMMONS N. L., GILBERT H. J. & HIRST B. H. **493.P,** 70*P*, 1996

*see* KING N., COLLEDGE W. H. & SIMMONS N. L. **493.P,** 87*P*, 1996

*see* THWAITES D. T. & SIMMONS N. L. **495.P,** 96*P*, 1996

SIMON M.J. *see* DOWNING J. E. G., SIMON M. J., AL-ASAM H., MUSTAFA Y. & PERRY M. E. **495.P,** 130*P*, 1996

SIMONNEAU M.

SIMONNEAU M., KAHLEM P. & BERTHELIER V. Suppression of functional expression of a mammalian potassium current by co-expressing normal and mutated $K^+$ channel subunits **493.P,** 152*S*, 1996

SIMONNEAUX V. *see* MIGUEZ J. M., SIMONNEAUX V. & PÉVET P. **493.P,** 125*S*, 1996

SIMONSEN U. *see* PRIETO D., HERNÁNDEZ M. V., SÁENZ DE TEJADA I., SIMONSEN U. & GARCÍA-SACRISTÁN A. **493.P,** 82*S*, 1996

*see* PRIETO D., SIMONSEN U. & NYBORG N. C. B. **493.P,** 82*S*, 1996

SIMONSEN U., PRIETO D., HERNÁNDEZ M., DELGADO J. A., RESELL L., SAENZ DE TEJADA I. & GARCÍA-SACRISTÁN A. Nitric oxide is involved in the inhibitory neurotransmission and endothelium-dependent relaxations of human deep penile arteries **493.P,** 82*S*, 1996

SIMONSEN U., PRIETO D., HERNÁNDEZ M. & GARCÍA-SACRISTÁN A. Different muscarinic receptors mediate the acetylcholine-induced relaxations in rat coronary and mesenteric resistance arteries **493.P,** 83*S*, 1996

*see* ORDAZ E., PRIETO D., HERNÁNDEZ M., SIMONSEN U., FERNÁNDEZ J. L. G. & GARCÍA-SACRISTÁN A. **493.P,** 167*S*, 1996

SIMONS T.J.B.

SIMONS T. J. B. & TAYLOR J. A. The mechanism of stimulation of zinc entry into cultured rat hepatocytes by dexamethasone **491.P,** 172*P*, 1996

SIMPSON L. *see* GREEN A. L., SEWELL D. A., SIMPSON L., HULTMAN E., MACDONALD I. A. & GREENHAFF P. L. **491.P,** 63*P*, 1996

SIMPSON N.

SIMPSON N., NIMROD C., DE VERMETTE R., LEBLANC C. & FOURNIER J. Enhanced Doppler ultrasound evaluation of intervillous flow in early pregnancy **494.P,** 34*P*, 1996

SIMPSON R.J. *see* O'RIORDAN D. K., SIMPSON R. J., SHARP P. A., DEBNAM E. S. & SRAI S. K. S. **494.P,** 56*P*, 1996

SIMS E. *see* COLLETT A., WALKER D., SIMS E., HE Y.-L., ROWLAND M. & WARHURST G. **493.P,** 80*P*, 1996

SIMS E., COLLETT A., ROWLAND M. & WARHURST G. Inhibitors of myosin light chain kinase modulate tight junctions in Caco-2 cells **493.P,** 87*P*, 1996

SINGH J. *see* JUMA L., SINGH J., HUSSAIN B., PALLOT D. & ADEGHATE E. **493.P,** 89*P*, 1996

*see* GEADA M., SINGH J., DOMSCHKE W., MOOREN F. CH. & WISDOM D. M. **493.P,** 90*P*, 1996

*see* GEADA M. M., SINGH J., WISDOM D. M., DOMSCHKE W. & MOOREN F. CH. **495.P,** 123*P*, 1996

SINGH S.K. *see* BORON W. F. & SINGH S. K. **493.P,** 4*S*, 1996

SIOW R.C.M.

SIOW R. C. M., SATO H., PEARSON J. D. & MANN G. E. Oxidized LDL enhances intracellular glutathione levels and cystine transport in cultured human vascular smooth muscle cells: cytoprotective effects of α-tocopherol **491.P,** 31*P*, 1996

*see* SATO H., SIOW R. C. M., TAKETANI S., ISHII T., BANNAI S. & MANN G. E. **491.P,** 41*P*, 1996

*see* SOBREVIA L., CONTRERAS R., SIOW R. C. M. & MANN G. E. **493.P,** 73*P*, 1996

SITHERS A.J.

*see* BUSH B. M. H., DAW C. & SITHERS A. J. **493.P,** 8*P*, 1996

SITHERS A. J., MARSHALL R. W. & SPRIGGS T. L. B. Intrinsic modulation of the adrenergic component of responses of rat isolated vas deferens during twin pulse field stimulation **493.P,** 12*P*, 1996

SIVAPRASADARAO A. *see* YUSAF S. P., BEECH D. J., WRAY D. & SIVAPRASADARAO A. **494.P,** 51*P*, 1996

*see* YUSAF S. P., WRAY D. & SIVAPRASADARAO A. **497.P,** 128*P*, 1996

SIVILOTTI L.G. *see* LEWIS T. M., SIVILOTTI L. G., COLQUHOUN D., GARDINER R. M., SCHOEPFER R. & REES M. **494.P,** 77*P*, 1996

*see* LEWIS T. M., SIVILOTTI L. G., COLQUHOUN D., GARDINER R. M., SCHOEPFER R. & REES M. **497.P,** 112*P*, 1996

SKADHAUGE E. *see* PEARSON G. T., THOMSEN L. & SKADHAUGE E. **495.P,** 101*P*, 1996

SKARLI M. *see* GOLDSPINK G., YANG S. Y., SKARLI M. & VRBOVA G. **495.P,** 162*P*, 1996

SKEATS M. *see* VOGIATZIS I., PATERSON K., SKEATS M. & JENNETT S. **491.P,** 58*P*, 1996

SKORUPSKI P. *see* GILL M. D. & SKORUPSKI P. **493.P,** 9*P*, 1996

*see* WAREHAM K. V. & SKORUPSKI P. **493.P,** 9*P*, 1996

SLATER J.C. *see* DUFFY M. R., SLATER J. C. & ROSENBERG M. E. **491.P,** 76*P*, 1996

SLATER P. *see* DOYLE C. A. & SLATER P. **495.P,** 47*P*, 1996

SMALL G.R. *see* LANG D., SMALL G. R., SHAH A. M. & LEWIS M. J. **491.P,** 18*P*, 1996

SMART T.G. *see* AMATO A., MOSS S. J. & SMART T. G. **493.P,** 44*P*, 1996

SMIRNOV S.V.

SMIRNOV S. V. & AARONSON P. I. Modulation of the delayed rectifier $K^+$ current in rat pulmonary myocytes by fatty acids: structural requirements and possible involvement of PKC **491.P,** 22*P*, 1996

SMITH A.B.

SMITH A. B., BRIDGEWATER M. & CUNNANE T. C. On the nature of the calcium channels controlling neurotransmitter release from pre- and postganglionic isolated sympathetic nerves of the guinea-pig **497.P,** 17*P*, 1996

SMITH A.J.

SMITH A. J. & FORSYTHE I. D. Glycinergic synaptic responses between identified neurones in the rat auditory pathway *in vitro* **495.P,** 56*P*, 1996

SMITH A.P.L.

SMITH A. P. L., DEMONCHEAUX E. A. G., MANISCALCO M. & HIGENBOTTAM T. W. Nitric oxide in the gas phase above endothelial cells in culture elevates nitrite levels and preproendothelin-1 but does not alter endothelial nitric oxide synthase transcription **491.P,** 100*P*, 1996

*see* DEMONCHEAUX E. A. G., SMITH A. P. L., DAVIES M. & HIGENBOTTAM T. **491.P,** 101*P*, 1996

SMITH C.P.

SMITH C. P., SHAYAKUL C., KNEPPER M.A. & HEDIGER M. A. Molecular physiology of urea transport **493.P,** 2*S*, 1996

SMITH G.D.P. *see* VON DER THÜSEN J. H., SMITH G. D. P., BLEASEDALE-BARR K. & MATHIAS C. J. **495.P,** 129*P*, 1996

SMITH G.L. *see* MCINTOSH M. A., CURRIE S. & SMITH G. L. **491.P,** 156*P*, 1996

*see* NEARY P., STEELE D. S., ORCHARD C. H. & SMITH G. L. **497.P,** 7*P*, 1996

SMITH H.C.

SMITH H. C., DAVEY N. J., MASKILL D. W., SAVIC G. & ELLAWAY P. H. Modulation of motor unit discharge by transcranial magnetic stimulation in incomplete spinal cord injury patients **497.P,** 104*P*, 1996

SMITH I.C.H.

SMITH I. C. H. A force platform for student practicals **491.P,** 3*P*, 1996

*see* AMOBI N. I. B. & SMITH I. C. H. **491.P,** 23*P*, 1996

*see* AMOBI N. I. B. & SMITH I. C. H. **491.P,** 46*P*, 1996

SMITH J.A.M.

SMITH J. A. M. & BURGESS G. M. Characterization of the mechanisms underlying prostaglandin-mediated sensitization of neonatal rat cultured dorsal root ganglion neurones **491.P,** 145*P*, 1996

SMITH J.C.

SMITH J. C. The respiratory oscillator in mammals: neurones, networks, and new models **494.P,** 15*S*, 1996

SMITH J.E. *see* JOHNSON C. D., SMITH J. E. & GILBEY M. P. **494.P,** 8*P*, 1996

SMITH J. E. & GILBEY M. P. Segmental origin of preganglionic neurones controlling the sympathetic supply projecting through the ventral collector nerve in the rat tail **497.P,** 81*P*, 1996

SMITH L.M. *see* FLATMAN P. W. & SMITH L. M. **495.P,** 123*P*, 1996

SMITH M.A. *see* MCKENNA F., SMITH M. A., ROWE I. C. M., RICHARDSON P. J. & ASHFORD M. L. J. **495.P,** 87*P*, 1996

SMITH M.E. *see* JEAL S., TURNER S. L., SMITH M. E. & BAILEY C. J. **491.P,** 131*P*, 1996

*see* PHUL R. K. & SMITH M. E. **491.P,** 143*P*, 1996

*see* AMOS M. L., SMITH M. E. & FERRY C. B. **491.P,** 146*P*, 1996

*see* PHUL R. K. & SMITH M. E. **491.P,** 149*P*, 1996

*see* HUGHES S., LOWRIE M. B. & SMITH M. E. **491.P,** 150*P*, 1996

*see* EVANS A. A. L., KHAN S. & SMITH M. E. **494.P,** 132*P*, 1996

*see* HUGHES S., SMITH M. E. & LOWRIE M. B. **494.P,** 87*P*, 1996

SMITH P. *see* ASHCROFT F. M., PROKS P. & SMITH P. **493.P,** 146*S*, 1996

SMITH P.J.S. *see* PELC R., SMITH P. J. S. & ASHLEY C. C. **497.P,** 41*P*, 1996

SMITH R.D.

SMITH R. D., SHMIGOL A. V., TAGGART M. J., WRAY S. & EISNER D. A. The effects of changing intra- or extracellular pH on ionic currents in rat isolated myometrial cells **491.P,** 168*P*, 1996

*Smith R. D., Austin C., Dilly K. W., Wray S. & Eisner D. A.* The effects of metabolic inhibition and lactate transport in rat cardiac and vascular smooth muscle cells **497.P**, 56*P*, 1996

Smith R.G. *see Stephens E. A., Brown D., Leng G. & Smith R. G.* **495.P**, 7*P*, 1996

*see Bailey A. R. T., Smith R. G. & Leng G.* **495.P**, 115*P*, 1996

Smith T.K. *see Burke E. P. & Smith T. K.* **495.P**, 55*P*, 1996

*see Lunam C. A. & Smith T. K.* **495.P**, 101*P*, 1996

*Smith T. K.* An electrophysiological identification of intrinsic sensory neurons that are excited by 5-HT applied to the mucosa in the isolated guinea-pig proximal colon **495.P**, 102*P*, 1996

Smyth C.

*Smyth C., Wilkinson D. & Wilkinson M. N*-methyl-D-aspartate (NMDA) induces heat shock protein-like immunoreactivity (HSP 72-li) in the hypothalamus of prepubertal female rats **491.P**, 179*P*, 1996

Snowball R.K.

*Snowball R. K., Dampney R. A. L. & Lumb B. M.* A role for the caudal medullary raphe nuclei in the cardiovascular responses to noxious visceral stimulation in the rat? **491.P**, 114*P*, 1996

Sobolevsky A.I.

*Sobolevsky A. I., Koshelev S. G. & Khodorov B. I.* Memantine-induced blockade of NMDA channels without agonist assistance **495.P**, 49*P*, 1996

Sobrevia L.

*Sobrevia L., Yudilevich D. L. & Mann G. E.* Adenosine activates L-arginine transport and constitutive nitric oxide synthesis in human cultured endothelial cells **491.P**, 15*P*, 1996

*Sobrevia L., Contreras R., Siow R. C. M. & Mann G. E.* Elevated D-glucose levels activate L-arginine transport in human umbilical artery smooth muscle cells **493.P**, 73*P*, 1996

*see Fuentes O., Oliva P., Vargas C., Jara A., Contreras R. & Sobrevia L.* **493.P**, 91*P*, 1996

Socorro J.M. *see Olmo R., Socorro J. M., García O., Trigo R. M. & Blanco M. D.* **493.P**, 140*S*, 1996

*see Olmo R., Socorro J. M., Gómez C., Agrasal C. & Teljón J. M.* **493.P**, 140*S*, 1996

Soffe S.R.

*Soffe S. R. & Perrins R.* Excitatory drive to motoneurons during swimming in *Rana temporaria* embryos **493.P**, 38*P*, 1996

Sofola O.A. *see Adegunloye B. J. & Sofola O. A.* **497.P**, 52*P*, 1996

Solís M. *see López-Miranda V., Vara R., Gaitán M. R., Solís M. & Aleixandre M. A.* **493.P**, 137*S*, 1996

Somlyo A.P. *see Nixon G. F., Lesh R. E., Fleischer S., Somlyo A. P. & Somlyo A. V.* **491.P**, 46*P*, 1996

Somlyo A.V. *see Nixon G. F., Lesh R. E., Fleischer S., Somlyo A. P. & Somlyo A. V.* **491.P**, 46*P*, 1996

Somogyi P. *see Cobb S. R., Halasy K., Vida I., Buhl E. H. & Somogyi P.* **495.P**, 62*P*, 1996

Sooranna S.R. *see Eaton B. M. & Sooranna S. R.* **494.P**, 40*P*, 1996

Soria B.

*Soria B.* Ionic and molecular events underlying insulin release **493.P**, 147*S*, 1996

*see Andreu E., Soria B. & Sanchez-Andres J. V.* **493.P**, 153*S*, 1996

*see Martin F., Ribas J. & Soria B.* **493.P**, 153*S*, 1996

*see Pertusa J. G., Martin F. & Soria B.* **493.P**, 156*S*, 1996

*Soria B., Andreu E., Sanchez-Andrés J. V., Montaña E. & Martín F.* $\beta$-Cell hypersensitivity to glucose and tolbutamide in partially pancreatectomized mice **494.P**, 142*P*, 1996

Soriano-García J.F. *see Torras-Llort M., Soriano-García J. F., Ferrer R. & Moretó M.* **493.P**, 108*S*, 1996

Soto L. *see Millán S., González-Quijano M. I., Soto L. & López-Calderón A.* **493.P**, 51*S*, 1996

Southan A.P. *see McIntosh P., Southan A. P., Akhtar S., Sidera C., Ushkaryov Y., Dolly J. O. & Robertson B.* **495.P**, 87*P*, 1996

*Southan A. P. & Robertson B.* Whole-cell patch-clamp studies of mouse cerebellar basket cells *in vitro* **495.P**, 88*P*, 1996

Søvik S.

*Søvik S., Lossius K., Eriksen M., Grøgaard J. & Walløe L.* Postnatal development of dynamic response to hyperoxia and hypoxia in infants of smokers and non-smokers **494.P**, 36*P*, 1996

Spanswick D.

*Spanswick D., Clark V. J., Logan S. D. & Renaud L. P.* Actions of nitric oxide and noradrenaline on sympathetic preganglionic neurones **494.P**, 78*P*, 1996

*Spanswick D., Gibson I. C. & Logan S. D.* Electrotonic coupling in sympathetic preganglionic neurones: a direct demonstration with paired whole-cell recordings **495.P**, 57*P*, 1996

Sparrow H. *see Young M. R., Fleetwood-Walker S. M., Dickinson T. & Sparrow H.* **495.P**, 14*S*, 1996

Speake P.F.

*Speake P. F. & Gibson J. S.* Urea-stimulated KCl co-transport and oxygenation activation in equine red cells **493.P**, 63*P*, 1996

Spencer G.E.

*Spencer G. E., Syed N. I., Lukowiak K. & Winlow W.* Both inhibitory and excitatory synaptic transmission are abolished by halothane at identified molluscan synapses *in vivo* and *in vitro* **491.P**, 104*P*, 1996

Spinella P. *see De Palo E. F., Gugelmetto M., Spinella P., Gatti R. & De Palo C. B.* **491.P**, 59*P*, 1996

*see De Palo C. B., Spinella P., Gatti R., Cappellin E. & De Palo E. F.* **491.P**, 66*P*, 1996

*Spinella P., De Palo C. B., Cappellin E., Gatti R. & De Palo E. F.* The over-expansion of extracellular water in ageing human subjects, estimated by bioelectrical impedance analysis: influence of the insulin-resistant state and hypertension **491.P**, 82*P*, 1996

Spiridon M. *see Kamm D., Spiridon M., Billups B. & Attwell D.* **495.P**, 45*P*, 1996

Spratt D.P.

*Spratt D. P. & Herbison A. E.* Regulation of gonadotrophin releasing hormone (GnRH) messenger RNA expression by oestrogen, rather than androgen, receptor-mediated processes in male and female rat brain **494.P**, 144*P*, 1996

Spriggs T.L.B. *see Sithers A. J., Marshall R. W. & Spriggs T. L. B.* **493.P**, 12*P*, 1996

Spruce A.E. *see Prabhakar E. & Spruce A. E.* **495.P**, 73*P*, 1996

*see Chauhan-Patel R. & Spruce A. E.* **495.P**, 75*P*, 1996

Spyer K.M. *see Zagon A. & Spyer K. M.* **491.P**, 177*P*, 1996

*see Dawid-Milner M. S., González-Barón S., Lara J. P. & Spyer K. M.* **493.P**, 71*S*, 1996

*see Thomas T., Ralevic V. & Spyer K. M.* **494.P**, 102*P*, 1996

*see Albert A. P., Brooks P. A. & Spyer K. M.* **497.P**, 15*P*, 1996

*see Ralevic V., Thomas T., Burnstock G. & Spyer K. M.* **497.P**, 74*P*, 1996

Squire M.D. *see Matsuda K., Baylis H. A., Squire M. D. & Sattelle D. B.* **495.P**, 40*P*, 1996

Srai S.K.S. *see Mercer E. A. J., Brydges R. L., Mathie A., Abbott G. W. & Srai S. K. S.* **491.P**, 102*P*, 1996

*see O'Riordan D. K., Simpson R. J., Sharp P. A., Debnam E. S. & Srai S. K. S.* **494.P**, 56*P*, 1996

*see Debnam E. S., Sharp P. A., Srai S. K. S., Abayasekara D. R. E. & Searle M.-J.* **495.P**, 103*P*, 1996

Stafford G. *see Zaman Z., Stafford G., Hartley D. E. & Forsling M. L.* **497.P**, 94*P*, 1996

Standen N.B. *see Wellman G. C., Quayle J. M. & Standen N. B.* **495.P**, 74*P*, 1996

Stanfield P.R. *see Abrams C. J., Davies N. W. & Stanfield P. R.* **494.P**, 50*P*, 1996

*see Davies N. W., Shelton P. A., Conley E. C. & Stanfield P. R.* **495.P**, 89*P*, 1996

Stanhope R.

*Stanhope R.* Gonadal steroids and growth hormone secretion **494.P**, 11*S*, 1996

Stansfeld C.E.

*Stansfeld C. E., Röper J., Ludwig J., Weseloh R. M., Marsh S. J., Brown D. A. & Pongs O.* The rat brain ether-a-go-go potassium channel acts as a high affinity calcium sensor **491.P**, 89*P*, 1996

Stanton A.W.B.

*Stanton A. W. B., Holroyd B., Northfield J. W., Levick J. R. & Mortimer P. S.* Forearm blood flow in postmastectomy oedema (PMO) measured by venous occlusion plethysmography (VOP) using an optoelectric volumeter and a mercury strain gauge **491.P**, 39*P*, 1996

Stedman A.

*Stedman A. & Davey N. J.* Do glucose drinks reduce simple reaction times or movement times in man? **493.P**, 39*P*, 1996

Steeghs K. *see de Haan A., Koudijs J. C. M., Jetten I., Steeghs K. & Wevers R. A.* **491.P**, 125*P*, 1996

Steele D.S. *see Neary P., Steele D. S., Orchard C. H. & Smith G. L.* **497.P**, 7*P*, 1996

STEELS P. *see* *LAENEN B., DE DECKER N., STEELS P. & VAN KERKHOVE E.* **491.P**, 104*P*, 1996

*see* *DE DECKER N., VAN RIE J., STEELS P. & VAN KERKHOVE E.* **493.P**, 90*P*, 1996

STEFFENS H. *see* *SCHOMBURG E. D., STEFFENS H. & HAGENAH J.* **497.P**, 105*P*, 1996

STEIN J.

*STEIN J.* The role of the posterior parietal cortex and the cerebellum in visuomanual control **493.P**, 8*S*, 1996

STEPHENS E. A.

*STEPHENS E. A., BROWN D., LENG G. & SMITH R. G.* Computer simulation of a mathematical model of pituitary growth hormone release **495.P**, 7*P*, 1996

STEPHENS G. J.

*STEPHENS G. J., TEDDER I. J., BERROW N. S., ODUNLAMI A. A. & DOLPHIN A. C.* Modulation of the biophysical properties of the rat brain cloned calcium channel α1E subunit by α2–δ and β1b subunits in mammalian COS-7 cells **495.P**, 78*P*, 1996

STEPHENS J. A. *see* *KING M., MAYSTON M. J., HARRISON L. M. & STEPHENS J. A.* **491.P**, 178*P*, 1996

*see* *MAYSTON M. J., HARRISON L. M. & STEPHENS J. A.* **494.P**, 67*P*, 1996

STEPHENS L. J.

*STEPHENS L. J., MCGARRICK J. D. & WARD J. P. T.* The UMDS cardiovascular computer-aided learning project **491.P**, 2*P*, 1996

STEVENS E. B. *see* *WOODWARD R., STEVENS E. B. & MURRELL-LAGNADO R. D.* **494.P**, 50*P*, 1996

STEVENSON S. *see* *REES S. A., PATERNOSTRO G., PABLA R., STEVENSON S., ADAMS R. J., KNOX K., RADDA G. K., SEVERS N. J. & POWELL T.* **497.P**, 51*P*, 1996

STEWARD M. C. *see* *CASE R. M., ISHIGURO H., LINDSAY A. R. G. & STEWARD M. C.* **493.P**, 94*S*, 1996

*see* *ISHIGURO H., STEWARD M. C. & CASE R. M.* **493.P**, 105*P*, 1996

*STEWARD M. C., SEO Y., LARCOMBE-MCDOUALL J. B. & MURAKAMI M.* Cell volume changes in isolated perfused rat salivary glands measured by diffusion-weighted $^1$H-NMR spectroscopy **493.P**, 105*P*, 1996

STEWART H. J. S. *see* *TABERNERO A., STEWART H. J. S., BRADKE F., JESSEN K. R. & MIRSKY R.* **493.P**, 162*S*, 1996

STEWART R. *see* *SANGSTER L., STEWART R., ZIETLOW R. & MCCAIG C. D.* **495.P**, 155*P*, 1996

STODDART A. *see* *ALLMAN K. G., STODDART A., CHEN S., BOYD C. A. R. & YOUNG J. D.* **491.P**, 19*P*, 1996

STOREY N. M.

*STOREY N. M., LATCHMAN D. S. & BEVAN S.* TTX-sensitive (TTXs) and TTX-resistant (TTXr) voltage-gated sodium currents in adult rat dorsal root ganglion neurones are inhibited by a Herpes simplex virus replication product *in vitro* **495.P**, 72*P*, 1996

STORLIEN L. *see* *HELGE J. W., AYRE K., HULBERT A. J. & STORLIEN L.* **491.P**, 63*P*, 1996

STOUGHTON R. *see* *CESARE P., STOUGHTON R. & MCNAUGHTON P. A.* **491.P**, 142*P*, 1996

STRACHAN A. T.

*STRACHAN A. T. & MAUGHAN R. J.* Differences in serotonin (5-HT) uptake/transporter density in endurance-trained and sedentary humans **495.P**, 143*P*, 1996

STRANGE S. *see* *RÅDEGRAN G., STRANGE S. & SALTIN B.* **491.P**, 83*P*, 1996

STRATFORD M. R. L. *see* *PARKINS C. S., HILL S. A., STRATFORD M. R. L., DENNIS M. F. & CHAPLIN D. J.* **491.P**, 10*P*, 1996

STRATTON C. J. *see* *WARD S. M., BAYGUINOV J., STRATTON C. J., BURNS A. J. & SANDERS K. M.* **495.P**, 94*P*, 1996

STRATTON E. *see* *PEARSON J. S., STRATTON E., ROBERTS A., VARLEY J. S. & COTTERRELL D.* **491.P**, 3*P*, 1996

STRICKLAND C.

*STRICKLAND C., PARKER C., BEAMISH N. & ABBOTT N. J.* Effects of free radicals on the permeability of the nerve perineurium **491.P**, 106*P*, 1996

STROEMER R. P.

*STROEMER R. P. & ROTHWELL N. J.* Inhibition of cortical ischaemic damage by localized striatal injection of IL-1ra in the rat **493.P**, 107*P*, 1996

STUBBS T. A.

*STUBBS T. A., EVANS A. E., PERRY A. J., HAWKINS M. & MACDONALD I. A.* The effects of alcohol on the haemodynamic responses to a high-CHO meal in healthy young subjects **491.P**, 66*P*, 1996

SUCH L.

*SUCH L., CHORRO F. J., SANCHIS J., LÓPEZ L., RUIZ R. & RODRÍGUEZ A.* Direct modifications of heart automatism and conduction due to physical training: a study in rabbits **493.P**, 76*S*, 1996

*see* *ALBEROLA A., REVERT F., MOYA A., GARCÍA J., BELTRÁN J., SANCHO S. & SUCH L.* **493.P**, 77*S*, 1996

*see* *ARTAL L., CHORRO F. J., SANCHIS J., LLAVADOR J. J., RODRÍGUEZ A. & SUCH L.* **493.P**, 77*S*, 1996

*see* *RODRÍGUEZ A., CHORRO F. J., ALBEROLA A., RUIZ R., LÓPEZ L. & SUCH L.* **493.P**, 167*S*, 1996

SUGDEN D. *see* *ANWAR N. & SUGDEN D.* **491.P**, 95*P*, 1996

*see* *PICKERING H. & SUGDEN D.* **491.P**, 177*P*, 1996

SULEIMAN M.-S.

*SULEIMAN M.-S., WALLACE D., BIRKETT S. & ANGELINI G. D.* The effect of 14 day culture on freshly isolated and surgically prepared human saphenous vein free intracellular amino acid pool **491.P**, 44*P*, 1996

*SULEIMAN M.-S., DIHMIS W. C., CAPUTO M., ANGELINI G. D., HUTTER J. A. & BRYAN A. J.* Changes in the intracellular concentration of myocardial taurine during cardiac arrest and on reperfusion in patients undergoing coronary artery bypass surgery using crystalloid and blood cardioplegia **491.P**, 160*P*, 1996

*see* *GRIFFITHS E. J., LIN H. & SULEIMAN M.-S.* **493.P**, 24*P*, 1996

*see* *LIN H. & SULEIMAN M.-S.* **493.P**, 27*P*, 1996

SULLIVAN M. *see* *JEREMY J. Y., SULLIVAN M., THOMPSON C. S., MIKHAILIDIS D. P., MORGAN R. J. & ANGELINI G. D.* **493.P**, 21*P*, 1996

SULLIVAN M. E.

*SULLIVAN M. E., THOMPSON C. S., MUDDLE J. R., MIKHAILIDIS D. P., MORGAN R. J. & DASHWOOD M. R.* Altered endothelin B receptor binding on cavernosal tissue of diabetic rabbits **494.P**, 130*P*, 1996

SUMNER B. E. H. *see* *FINK G., DOW R. C., SUMNER B. E. H., ROSIE R., GRAHAME L. M., BENNIE J. & CARROLL S.* **495.P**, 117*P*, 1996

SUNDBERG C. J. *see* *TIMMONS J. A., GUSTAVSSON T., JANSSON E., HULTMAN E., SUNDBERG C. J., KALJSER L., CHWALBINSKA-MONETA J., CONSTANTIN-TEODOSIU D., MACDONALD I. A. & GREENHAFF P. L.* **495.P**, 133*P*, 1996

SURICO N. *see* *VACCA G., BATTAGLIA A., GROSSINI E., MARY D. A. S. G., MOLINARI C. & SURICO N.* **497.P**, 17*P*, 1996

SUZUKI R. *see* *NIKMARAM M. R., KODAMA I., BOYETT M. R., SUZUKI R. & HONJO H.* **491.P**, 154*P*, 1996

*see* *BOYETT M. R., KODAMA I., SUZUKI R. & HONJO H.* **497.P**, 44*P*, 1996

SVENDSEN P. *see* *CARTER A. M., CHALLIS J. R. G., KOREBRITS C. & SVENDSEN P.* **494.P**, 34*P*, 1996

SWEENEY P. *see* *YOUNG L., SWEENEY P., RYAN M. & FITZPATRICK J. M.* **497.P**, 88*P*, 1996

SWENSON E. R. *see* *COLLIER D. J., NATHAN J., FLOWER R. J., WOLFF C. B., MILLEDGE J. S. & SWENSON E. R.* **497.P**, 30*P*, 1996

SYED N. I. *see* *SPENCER G. E., SYED N. I., LUKOWIAK K. & WINLOW W.* **491.P**, 104*P*, 1996

SYME C. A. *see* *MASON H. S., SYME C. A., MACDONALD A. G. & WAHLE K. W.* **495.P**, 74*P*, 1996

SYMONDS M. E.

*SYMONDS M. E., CLARKE L. & YAKUBU D. P.* Placental influences on fetal size and viability of Caesarean section-delivered lambs **491.P**, 166*P*, 1996

*see* *CLARKE L., GOODYER C., HEASMAN L. & SYMONDS M. E.* **494.P**, 37*P*, 1996

*see* *HEASMAN L., CLARKE L. & SYMONDS M. E.* **494.P**, 37*P*, 1996

SZATKOWSKI M. *see* *CASSAR M., JONES M., HUGHES S. & SZATKOWSKI M.* **495.P**, 54*P*, 1996

TABERNERO A.

*TABERNERO A., STEWART H. J. S., BRADKE F., JESSEN K. R. & MIRSKY R.* IGFs exert a positive effect on both the proliferation and differentiation of rat Schwann cells in culture **493.P**, 162*S*, 1996

TAGGART M. J. *see* *SMITH R. D., SHMIGOL A. V., TAGGART M. J., WRAY S. & EISNER D. A.* **491.P**, 168*P*, 1996

TAKAGISHI Y.

*TAKAGISHI Y., ISSBERNER J., ROTHERY S., LEVI A. J. & SEVERS N. J.* Dihydropyridine receptors (calcium channels) are organized in clusters in the plasma membrane of isolated guinea-pig cardiac myocytes **491.P**, 163*P*, 1996

TAKAHASHI M.

*TAKAHASHI M. & ATTWELL D.* Double whole-cell clamping of Purkinje cells in rat cerebellar slices as a tool to examine the effect of an altered intracellular solution on synaptic current kinetics **494.P**, 10*P*, 1996

TAKAHASHI T. *see* *FORSYTHE I. D., BARNES-DAVIES M., TSUJIMOTO T., ONODERA K. & TAKAHASHI T.* **495.P**, 47*P*, 1996

TAKESHIMA S. *see* AHMAD M., ZEITLIN I. J., PARRATT J. R., VALEN G., TAKESHIMA S. & VAAGE J. **494.P**, 116*P*, 1996

TAKETANI S. *see* SATO H., SIOW R. C. M., TAKETANI S., ISHII T., BANNAI S. & MANN G. E. **491.P**, 41*P*, 1996

TALLIS R.C. *see* HAMDY S., CRONE R., AZIZ Q., ROTHWELL J. C., TALLIS R. C. & THOMPSON D. G. **491.P**, 118*P*, 1996

TANSEY E.M. *see* REYNOLDS L. A., TANSEY E. M. & WILLHOFT S. V. **494.P**, 26*P*, 1996

*see* BOYD C. A. R., HORDER T. J., KIDD C., ROSENBERG M. E., TANSEY E. M., WEST J. B. & WHIPP B. J. **494.P**, 28*P*, 1996

TANSLEY J.G.

TANSLEY J. G., CLAR C., PEDERSEN M. E. F. & ROBBINS P. A. The human ventilatory response to acute hyperoxia during and after 8 h of both isocapnic and poikilocapnic hypoxia **494.P**, 93*P*, 1996

TANSLEY J. G., PEDERSEN M. E. F., CLAR C. & ROBBINS P. A. The human ventilatory response to 8 h of euoxic hypercapnia followed by 8 h of euoxic poikilocapnic recovery **497.P**, 24*P*, 1996

*see* CLAR C., PEDERSEN M. E. F., POULIN M. J., TANSLEY J. G. & ROBBINS P. A. **497.P**, 71*P*, 1996

TAPIA J.A.

TAPIA J. A., GONZÁLEZ A., GARCÍA L. J. & SALIDO G. M. Analysis of trypsinogen secretion from pancreatic segments by an on-line method **493.P**, 154*S*, 1996

TARAFA G. *see* PASTOR-ANGLADA M., CASADO J., FELIPE A., DEL SANTO B. & TARAFA G. **493.P**, 159*S*, 1996

TARE M.

TARE M., GORDIENKO D. V., PARVEEN S., FENECH C., ROBINSON C. & BOLTON T. B. Electrophysiological properties of human eosinophils **491.P**, 90*P*, 1996

TARNAWSKI M. *see* CARO C. G., DOORLY D. J., TARNAWSKI M., MCLEAN M., WADSWORTH J. & DUMOULIN C. L. **497.P**, 69*P*, 1996

TASCON J.F. *see* GONZALEZ GONZALEZ J. A., GARAY LILLO J. G. & TASCON J. F. **493.P**, 57*S*, 1996

TATTERSALL J.E.H.

TATTERSALL J. E. H., BALDWIN P. J., WOOD S. & CRISP G. A novel system for producing controlled exposures of brain slice preparations to radiofrequency electromagnetic radiation during electrophysiological recording **495.P**, 6*P*, 1996

TAVARÉ J.M. *see* RUTTER G. A., BURNETT P., BRINI M., POZZAN T., TAVARÉ J. M., DENTON R. M. & RIZZUTO R. **493.P**, 16*P*, 1996

TAVARES E. *see* FERNÁNDEZ O., TAVARES E., MURILLO M. L. & CARRERAS O. **493.P**, 111*S*, 1996

TAVARES E., GOMEZ-TUBIO A., MURILLO M. L. & CARRERAS O. Folic acid levels in serum and milk. Body weights, brain and liver weights, and intestinal length at the end of lactation period. Effects of ethanol and supplementation folic acid diets **493.P**, 137*S*, 1996

TAYLOR A. *see* MARPLES D., KNEPPER M. A., TAYLOR A. & NIELSEN S. **493.P**, 69*P*, 1996

*see* DURBABA R. & TAYLOR A. **494.P**, 2*P*, 1996

TAYLOR A., ELLAWAY P. H. & DURBABA R. The characterization of dynamic fusimotor action using random stimuli in the anaesthetized cat **495.P**, 23*P*, 1996

*see* ELLAWAY P. H., TAYLOR A. & DURBABA R. **497.P**, 104*P*, 1996

TAYLOR C.W. *see* MARCHANT J. S. & TAYLOR C. W. **491.P**, 91*P*, 1996

*see* MARCHANT J. S. & TAYLOR C. W. **495.P**, 85*P*, 1996

TAYLOR E.W. *see* MCKENZIE D. J. & TAYLOR E. W. **491.P**, 53*P*, 1996

TAYLOR J.A. *see* SIMONS T. J. B. & TAYLOR J. A. **491.P**, 172*P*, 1996

TAYLOR J.S.

TAYLOR J. S., CARRIÓN A. M., MELLSTRÖM B. & NARANJO J. R. Molecular mechanisms of pathological pain: application of the gene 'knock-down' technique **491.P**, 17*S*, 1996

TAYLOR P.M. *see* LOW S. Y. & TAYLOR P. M. **493.P**, 84*P*, 1996

*see* PETER G. J., AHMED A. & TAYLOR P. M. **493.P**, 103*P*, 1996

TAYLOR T.R. *see* DOUGLAS I. J., MILEY H. E., SHEADER E. A. & TAYLOR T. R. **493.P**, 56*P*, 1996

TEDDER I.J. *see* BRICE N. L., BERROW N. S., TEDDER I. J., ODUNLAMI A. A., BRICKLEY K. & DOLPHIN A. C. **495.P**, 78*P*, 1996

*see* STEPHENS G. J., TEDDER I. J., BERROW N. S., ODUNLAMI A. A. & DOLPHIN A. C. **495.P**, 78*P*, 1996

TEIJÓN J.M. *see* OLMO R., SOCORRO J. M., GÓMEZ C., AGRASAL C. & TEIJÓN J. M. **493.P**, 140*S*, 1996

*see* BLANCO M. D., MARTÍN J. A., GARCÍA O., LOZANO M. & TEIJÓN J. M. **493.P**, 141*S*, 1996

TEIN M.S.C.

TEIN M. S. C., BIRDSEY T. J., GARLAND H. O., BALMENT R. J., BOYD R. D. H. & SIBLEY C. P. Influence of diabetes mellitus on gestational changes in blood calcium and hormone profiles in the rat **493.P**, 85*P*, 1996

TEIN M. S. C., BREEN S. A., LOVEDAY B. E., GARLAND H. O., BALMENT R. J., BOYD R. D. H. & SIBLEY C. P. The effect of diabetes mellitus on bone $Ca^{2+}$ content and bone mineral density (BMD) of pregnant rats **497.P**, 126*P*, 1996

TEJEDO B. *see* VELASCO A., TEJEDO B., LUNA L., G-GRANDA T., ALONSO I. & CUYAS L. **493.P**, 122*S*, 1996

TEJEDOR-REAL P.

TEJEDOR-REAL P., MICÓ J. A., MALDONADO R., ROQUES B. P. & GIBERT-RAHOLA J. δ-Opioid receptor mediates acquisition of learned helplessness **493.P**, 16*S*, 1996

TEKKÖK S.

TEKKÖK S. & KRNJEVIĆ K. Long-term potentiation induced by 2-deoxyglucose in CA1 neurons of rat hippocampal slices is $Ca^{2+}$ dependent **494.P**, 81*P*, 1996

*see* KRNJEVIĆ K. & TEKKÖK S. **495.P**, 52*P*, 1996

TEMPLE C.S.

TEMPLE C. S., BAILEY P. D., BRONK J. R. & BOYD C. A. R. Membrane potential and pH dependence of neutral and charged dipeptide transport across rat renal cortex basolateral membrane vesicles **493.P**, 62*P*, 1996

*see* MEREDITH D., TEMPLE C. S. & BOYD C. A. R. **493.P**, 65*P*, 1996

TENA M.

TENA M., PINILLA L. & AGUILAR E. Differential control of pituitary secretion by excitatory amino acids in cycling and neonatally oestrogenized female rats **493.P**, 123*S*, 1996

TERRAR D. *see* LEI M., BROWN H. & TERRAR D. **491.P**, 160*P*, 1996

*see* LEI M., BROWN H. & TERRAR D. **494.P**, 114*P*, 1996

TERRAR D.A. *see* MAMAS M. A. & TERRAR D. A. **491.P**, 157*P*, 1996

*see* MAMAS M. A., CONNORS S. C. & TERRAR D. A. **493.P**, 26*P*, 1996

*see* MAMAS M. A. & TERRAR D. A. **497.P**, 48*P*, 1996

THAKORE J.H.

THAKORE J. H. & DINAN T. G. Lowering cortisol enhances growth hormone response to growth hormone releasing hormone in healthy subjects **494.P**, 143*P*, 1996

THEWLES A. *see* ROMÁN I. D., THEWLES A. & COLEMAN R. **493.P**, 138*S*, 1996

*see* WILLMOTT K. L., THEWLES A. & LOTE C. J. **493.P**, 99*P*, 1996

THOMAS C.R. *see* TRIBE R. M., PALMER A. M., THOMAS C. R. & POSTON L. **491.P**, 14*P*, 1996

THOMAS K. *see* BLEAKMAN D., SCHOEPP D. D., LODGE D., ORNSTEIN P. L., BUFTON H., SHARPE E. F., THOMAS K., BALLYK B. & KAMBOJ R. **493.P**, 51*P*, 1996

THOMAS N.

THOMAS N. & THORNHILL R. A. Possible origin of tension oscillations in muscle preparations **491.P**, 124*P*, 1996

THOMAS N. & THORNHILL R. A. Theory of isotonic position fluctuations in myofibrils and axonemes **491.P**, 125*P*, 1996

THOMAS S.R.

THOMAS S. R. Modelling results concerning the urinary concentrating mechanism: possible role for inner medullary interstitial osmolytes, but lack of a role for urea synthesis along the nephron **493.P**, 74*P*, 1996

*see* BOUYER P., THOMAS S. R., COUGNON M., EDELMAN A., ANAGNOSTOPOULOS T. & PLANELLES G. **493.P**, 99*P*, 1996

THOMAS T.

THOMAS T., RALEVIC V. & SPYER K. M. Effect of adenosine on activity of neurones recorded extracellularly from the rostral ventrolateral medulla of the anaesthetized rat **494.P**, 102*P*, 1996

*see* RALEVIC V., THOMAS T., BURNSTOCK G. & SPYER K. M. **497.P**, 74*P*, 1996

THOMPSON A. *see* SEWELL K. J., SHIRLEY D. G., MICHAEL A. E., THOMPSON A., NORGATE D. P. & UNWIN R. J. **497.P**, 90*P*, 1996

THOMPSON C.S. *see* JEREMY J. Y., SULLIVAN M., THOMPSON C. S., MIKHAILIDIS D. P., MORGAN R. J. & ANGELINI G. D. **493.P**, 21*P*, 1996

*see* SULLIVAN M. E., THOMPSON C. S., MUDDLE J. R., MIKHAILIDIS D. P., MORGAN R. J. & DASHWOOD M. R. **494.P**, 130*P*, 1996

THOMPSON D.G. *see* HAMDY S., CRONE R., AZIZ Q., ROTHWELL J. C., TALLIS R. C. & THOMPSON D. G. **491.P**, 118*P*, 1996

THOMPSON I.

THOMPSON I., FLANAGAN G. & ELLORY J. C. Aliphatic amines and human red blood cell choline transport: a role in uraemia? **493.P**, 92*P*, 1996

THOMPSON S.W.N.
*THOMPSON S. W. N.* Mediators of injury-induced central sensitization **495.P**, 14*S*, 1996

THOMPSON W.J.
*THOMPSON W. J.* Schwann cells stimulate and guide neuromuscular sprouting and regeneration **495.P**, 6*S*, 1996

THOMSEN L. *see PEARSON G. T., THOMSEN L. & SKADHAUGE E.* **495.P**, 101*P*, 1996

THOMSON A.M. *see ALI A., DEUCHARS J., HAHN J., PAWELZIK H., WEST D. & THOMSON A. M.* **494.P**, 11*P*, 1996

THOMSON D. *see MATTISON R. J., THOMSON D., BARRY J. A. & RIBCHESTER R. R.* **495.P**, 152*P*, 1996

THOMSON S.
*THOMSON S., CORDINGLEY J. J., SEMPLE S. J. G., PALAZZO M. G. A. & CROSS B. A.* A rapidly responding indwelling pH electrode for use in a peripheral artery in the dog and man **493.P**, 2*P*, 1996

THORNBURY K.D. *see COTTON K. D., HOLLYWOOD M. A., MCHALE N. G. & THORNBURY K. D.* **495.P**, 98*P*, 1996
*see HOLLYWOOD M. A., COTTON K. D., THORNBURY K. D. & MCHALE N. G.* **495.P**, 98*P*, 1996

THORNHILL R.A. *see THOMAS N. & THORNHILL R. A.* **491.P**, 124*P*, 1996
*see THOMAS N. & THORNHILL R. A.* **491.P**, 125*P*, 1996

THORN P. *see CAREW M. A. & THORN P.* **491.P**, 173*P*, 1996
*THORN P.* The role of intracellular $Ca^{2+}$ stores in agonist-induced $Ca^{2+}$ oscillations of epithelial cells **493.P**, 147*S*, 1996

THURSTON H. *see HILLIER C., SAYERS R. D., NAYLOR R., BELL P. R. F. & THURSTON H.* **491.P**, 7*P*, 1996
*see JOHNS E. C., HODSON E. A. M., FISH H., LYMN J. S., THURSTON H., MULLIGAN I. P. & ASHLEY C. C.* **497.P**, 51*P*, 1996

THWAITES D.T. *see COLES J. A., THWAITES D. T., MARCAGGI P. & DEITMER J. W.* **491.P**, 147*P*, 1996
*see WALKER D., THWAITES D. T., SIMMONS N. L., GILBERT H. J. & HIRST B. H.* **493.P**, 70*P*, 1996
*see MARCAGGI P., THWAITES D. T. & COLES J. A.* **495.P**, 60*P*, 1996
*THWAITES D. T. & SIMMONS N. L.* pH sensitivity of amino acid transport at the brush-border of human intestinal epithelial (Caco-2) cells is consistent with $H^+$ symport **495.P**, 96*P*, 1996

TIGYI G. *see BÜNEMANN M., BRANDTS B., TIGYI G., LILIOM K. & POTT L.* **495.P**, 169*P*, 1996

TIMM M. *see JEREMY J. Y., DASHWOOD M. R., TIMM M., IZZAT M. B., MEHTA D., BRYAN A. J. & ANGELINI G. D.* **491.P**, 17*P*, 1996
*see MCQUEEN D. S., WINKLER H., EDER U., TIMM M., DASHWOOD M. R. & BOND S. M.* **495.P**, 20*P*, 1996

TIMMERMANS J.-P. *see BROWNING K. N., CUNNINGHAM S. M. C., TIMMERMANS J.-P. & LEES G. M.* **495.P**, 100*P*, 1996

TIMMONS J.A.
*TIMMONS J. A., POUCHER S. M., CONSTANTIN-TEODOSIU D., MACDONALD I. A. & GREENHAFF P. L.* Dichloroacetate decreases anaerobic ATP regeneration during the rest to steady-state period in contracting canine muscle **491.P**, 62*P*, 1996
*TIMMONS J. A., POUCHER S. M., CONSTANTIN-TEODOSIU D., MACDONALD I. A. & GREENHAFF P. L.* Pyruvate dehydrogenase complex activation and reduced fat availability in contracting gracilis muscle of anaesthetized dogs **491.P**, 126*P*, 1996
*TIMMONS J. A., GUSTAVSSON T., JANSSON E., HULTMAN E., SUNDBERG C. J., KAIJSER L., CHWALBINSKA-MONETA J., CONSTANTIN-TEODOSIU D., MACDONALD I. A. & GREENHAFF P. L.* Dichloroacetate reduces anaerobic ATP regeneration during exercise with reduced leg blood flow in man **495.P**, 133*P*, 1996

TIMONER G. *see GAMUNDI A., ROSSELLÓ C., ALEMANY G., AKAARIR M., TIMONER G. & NICOLAU M. C.* **493.P**, 24*S*, 1996

TIPTON M.J.
*TIPTON M. J., FRANKS C. M., MENEILLY G. S. & MEKJAVIC I. B.* Substrate utilization during shivering and exercise in humans **491.P**, 57*P*, 1996

TIRIBELLI C. *see BAYÓN J. E., PASCOLO L., OSTROW D., TIRIBELLI C. & GONZÁLEZ-GALLEGO J.* **493.P**, 110*S*, 1996

TODD B.A.
*TODD B. A. & SEDGWICK E. M.* The effects of cytochalasin D on the $K^+$ permeability of the isolated frog sciatic nerve perineurium **495.P**, 35*P*, 1996

TOESCU E.C. *see INGHAM C. J. & TOESCU E. C.* **491.P**, 134*P*, 1996

TOLHURST D.J.
*TOLHURST D. J.* The limited contrast response of single neurones in cat striate cortex and the distribution of contrast in natural scenes **497.P**, 64*P*, 1996

TOLOMEO J.
*TOLOMEO J. & HOLLEY M. C.* Cytoskeletal mechanics in auditory epithelial cells **493.P**, 14*P*, 1996

TOMINAGA M. *see OKADA Y., TOMINAGA M., MIWA A., TOMINAGA T. & UEDA K.* **493.P**, 5*S*, 1996

TOMINAGA T. *see SABIROV R. Z., TOMINAGA T., MIWA A., OKADA Y. & OIKI S.* **493.P**, 103*P*, 1996
*see OKADA Y., TOMINAGA M., MIWA A., TOMINAGA T. & UEDA K.* **493.P**, 5*S*, 1996

TOMLINSON D. *see RAJAB P., FOX J., RIAZ S., TOMLINSON D. & GREENHAFF P. L.* **495.P**, 142*P*, 1996

TOMLINSON L.
*TOMLINSON L., WARD S. A. & WHIPP B. J.* The influence of hypoxia on oxygen uptake kinetics for high-intensity exercise in humans **494.P**, 99*P*, 1996

TOOKE J.E. *see MORRIS S. J., SHORE A. C., JAAP A. J. & TOOKE J. E.* **491.P**, 14*P*, 1996

TORMO M.A.
*TORMO M. A., ROPERO M. F., MARTINEZ I. M., NIETO M. & CAMPILLO J. E.* Biochemical parameters in a model of non-insulin-dependent diabetes in rats **493.P**, 123*S*, 1996
*see CAMPILLO J. E., ROPERO M. F., MARTINEZ I. M., NIETO M. & TORMO M. A.* **493.P**, 133*S*, 1996

TORO M.J. *see LASA M., CHILOECHES A., ARANDA A., ROPERO S., MONTES A. & TORO M. J.* **493.P**, 121*S*, 1996

TOROK K. *see CAPIOD T., OGDEN D. & TOROK K.* **494.P**, 134*P*, 1996

TORRANCE R.W. *see LEÓN-VELARDE F., VARGAS M., MONGE-C C., TORRANCE R. W. & ROBBINS P. A.* **491.P**, 51*P*, 1996
*TORRANCE R. W.* Haldane and acclimatization to altitude **494.P**, 26*P*, 1996

TORRAS-LLORT M.
*TORRAS-LLORT M., SORIANO-GARCÍA J. F., FERRER R. & MORETÓ M.* Effects of dietary amino acids on L-lysine and L-methionine transport in chicken jejunum **493.P**, 108*S*, 1996

TORRE V. *see BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V.* **491.P**, 146*P*, 1996
*see BUCOSSI G., EISMANN E., SESTI F., NIZZARI M., SERI M., KAUPP U. B. & TORRE V.* **491.P**, 9*S*, 1996

TORREGROSA G. *see ALBORCH E., ALABADÍ J. A., TORREGROSA G., JOVER T. & CENTENO J. M.* **493.P**, 72*S*, 1996

TORRENT M.
*TORRENT M., LLORET S. & MORENO J. J.* Proliferation-dependent changes in release of arachidonic acid from murine fibroblasts 3T6 **493.P**, 164*S*, 1996

TORRES C.
*TORRES C., CARRERA E. & DE LA CRUZ M. J.* Studies on complex I–III of rat liver mitochondria (RLM) during ageing **493.P**, 60*S*, 1996

TORRES L.G. *see ROMERO C. M., TORRES L. G. & DEL RIO C. G.* **493.P**, 75*S*, 1996

TORRES M.D.
*TORRES M. D., CANAL J. R., DOMÍNGUEZ E., CAMPILLO J. E., ROMERO A. & PÉREZ C.* Social isolation influences certain biochemical parameters **493.P**, 15*S*, 1996
*see CANAL J. R., DOMÍNGUEZ E., TORRES M. D., CAMPILLO J. E., ROMERO A. & PÉREZ C.* **493.P**, 136*S*, 1996

TORSNEY C. *see PAMBAKIAN P. S., JAGGER E., BEEBY J. H., TORSNEY C. & HENDERSON Z.* **497.P**, 100*P*, 1996

TOVAR P. *see MUÑOZ A., CASTEJÓN F. M., TOVAR P., VIVO R., ESCRIBANO B. M. & SANTISTEBAN R.* **493.P**, 17*S*, 1996
*see FERNÁNDEZ P., TOVAR P., SANTISTEBAN R., AGÜERA E. I., ESCRIBANO B. M. & RUBIO M. D.* **493.P**, 76*S*, 1996
*TOVAR P., RUBIO M. D., ESCRIBANO B. M., MUÑOZ A. & SANTISTEBAN R.* Alterations in postnatal ECG as sign of stress during birth **493.P**, 76*S*, 1996
*see RUBIO M. D., ESCRIBANO B. M., TOVAR P., AGÜERA E. I., MUÑOZ A. & CASTEJÓN F. M.* **493.P**, 141*S*, 1996
*see ESCRIBANO B. M., RIBER C., MUÑOZ A., TOVAR P., AGÜERA E. I. & RUBIO M. D.* **493.P**, 142*S*, 1996

TRAFFORD A.W. *see COOK S. J., DÍAZ M. E., CHAMUNORWA J. P., LANCASTER M. K., TRAFFORD A. W., O'NEILL S. C. & EISNER D. A.* **494.P**, 111*P*, 1996

TRANCHO G.J. *see GAMALLO A., GONZALEZ-ABAD M. J., TRANCHO G. J. & VILLANÚA M. A.* **493.P**, 118*S*, 1996
*see GONZÁLEZ-ABAD M. J., TRANCHO G. J. & GAMALLO A.* **493.P**, 126*S*, 1996

TRAPP S.
*TRAPP S., LÜCKERMANN M., KAILA K. & BALLANYI K.* Elevated intracellular $Ca^{2+}$ levels induce acidification of hippocampal CA1 neurons *in vitro* **494.P**, 76*P*, 1996

TRAUB R.D. *see* WHITTINGTON M. A., TRAUB R. D. & JEFFERYS J. G. R. **491.P**, 140*P*, 1996

TRAYHURN P. *see* MERCER J. G., HOGGARD N., LAWRENCE C. B., RAYNER D. V. & TRAYHURN P. **495.P**, 113*P*, 1996

TREACHER D.F. *see* KOSTOGLOU-ATHANASSIOU I., SCHOFIELD S., LOMAX N., TREACHER D. F. & FORSLING M. L. **494.P**, 142*P*, 1996

TRENTHAM D. *see* AYAR A., ZEHAVI U., TRENTHAM D. & SCOTT R. H. **497.P**, 113*P*, 1996

TRESGUERRES J.A.F. *see* ROL DE LAMA M. A., PÉREZ ROMERO A., TRESGUERRES J. A. F. & ARIZNAVARRETA C. **493.P**, 121*S*, 1996

*see* VATICÓN D., ALVAREZ B. & TRESGUERRES J. A. F. **493.P**, 130*S*, 1996

*see* GRANADOS B., ARIZNAVARRETA C., HERMANUSSEN M. & TRESGUERRES J. A. F. **493.P**, 162*S*, 1996

TRIBE R.M.

TRIBE R. M., PALMER A. M., THOMAS C. R. & POSTON L. L-Arginine does not reverse the acetylcholine-induced relaxation defect in resistance arteries of the diabetic rat **491.P**, 14*P*, 1996

TRIGO R.M. *see* OLMO R., SOCORRO J. M., GARCÍA O., TRIGO R. M. & BLANCO M. D. **493.P**, 140*S*, 1996

*see* LOZANO M., MARTÍN J. A., TRIGO R. M., GÓMEZ C. & HUERTA P. **493.P**, 141*S*, 1996

TRIGUERO D. *see* GARCÍA-PASCUAL A., LABADIA A., COSTA G. & TRIGUERO D. **493.P**, 89*S*, 1996

TRIMBLE E.R. *see* SCHOLFIELD C. N., HOEY E. & TRIMBLE E. R. **495.P**, 90*P*, 1996

TRIPPENBACH T.

TRIPPENBACH T. & DEUCHARS S. A. Effects of baclofen on the responses evoked by vagal stimulation in neurones of the dorsomedial medulla in a neonatal rat brainstem–spinal cord preparation **494.P**, 102*P*, 1996

TROUSLARD J. *see* BROWN D. A., MARSH S. J., TROUSLARD J., LEANEY J., DUFFY S. M. & SELVANKO A. A. **493.P**, 28*S*, 1996

TRUBE G. *see* KEW J. N. C., TRUBE G. & KEMP J. A. **494.P**, 54*P*, 1996

TSAI K.-L. *see* KAO E.-F., LIU I.-H., TSAI K.-L. & WU M.-L. **497.P**, 120*P*, 1996

TSE H.-W. *see* CAO C. Q., TSE H.-W., EVANS R. H., HEADLEY P. M. & JANE D. E. **493.P**, 51*P*, 1996

TSU S.Y.H. *see* BAUMANN K. I. & TSU S. Y. H. **491.P**, 2*P*, 1996

TSUJIMOTO T. *see* FORSYTHE I. D., BARNES-DAVIES M., TSUJIMOTO T., ONODERA K. & TAKAHASHI T. **495.P**, 47*P*, 1996

TSUTSUI I. *see* BROWN E. R., CHRACHRI A., INOUE I. & TSUTSUI I. **491.P**, 106*P*, 1996

*see* BROWN E. R., INOUE I. & TSUTSUI I. **495.P**, 34*P*, 1996

TUČEK S. *see* JAKUBÍK J., BAČÁKOVÁ L., EL-FAKAHANY E. E. & TUČEK S. **491.P**, 138*P*, 1996

TUCKER J.F. *see* WAYMAN C. P., MCFADZEAN I., GIBSON A. & TUCKER J. F. **495.P**, 174*P*, 1996

TUCKER S.J.

TUCKER S. J., PESSIA M. & ADELMAN J. P. The muscarinic-gated $K^+$ channel: subunit stoichiometry and structural domains essential for G protein stimulation **495.P**, 90*P*, 1996

TURNER D.L.

TURNER D. L. & MITCHELL G. S. Respiratory control during exercise with hypoxia or added dead space in goats **494.P**, 98*P*, 1996

TURNER D. L. & MITCHELL G. S. Repeated associations of exercise and increased respiratory dead space increases the future exercise ventilatory response to a greater extent than repeated exercise alone in goats **497.P**, 29*P*, 1996

TURNER J.L.

TURNER J. L., CHANG A. S., BROWN A. M. & KOZLOWSKI R. Z. Molecular characterization of $K^+$ channels in rat pulmonary arterial smooth muscle and their relationship to oxygen sensation **491.P**, 21*P*, 1996

TURNER S.L. *see* JEAL S., TURNER S. L., SMITH M. E. & BAILEY C. J. **491.P**, 131*P*, 1996

TUSCHICK S.

TUSCHICK S., KIRISCHUK S., VERKHRATSKY A. & KETTENMANN H. Mouse cerebellar Bergmann glial cells express ETB endothelin receptors linked to the intracellular $Ca^{2+}$ release from $InsP_3$-sensitive intracellular stores **493.P**, 72*P*, 1996

TWADDLE J.L.T.

TWADDLE J. L. T., XIA N. & NYE P. C. G. Stimulus–response relation for the second phase of hypoxic constriction of small isolated pulmonary arteries of the rat **491.P**, 50*P*, 1996

*see* BHARADWAJ A. K., LEE S.-J., XIA N., TWADDLE J. L. T. & NYE P. C. G. **495.P**, 172*P*, 1996

UEDA K. *see* OKADA Y., TOMINAGA M., MIWA A., TOMINAGA T. & UEDA K. **493.P**, 5*S*, 1996

UNWIN R.J. *see* BAILEY M. A. & UNWIN R. J. **493.P**, 69*P*, 1996

*see* BAILEY M. A., SHIRLEY D. G., UNWIN R. J. & WALTER S. J. **493.P**, 77*P*, 1996

*see* BAILEY M. A., FLETCHER R. M., WOODROW D. F., UNWIN R. J. & WALTER S. J. **493.P**, 95*P*, 1996

UNWIN R. J., SHIRLEY D. G., WALTER S. J., CAPASSO G. & GIEBISCH G. Proximal tubular contribution to the effects of diuretics in perfused loops of Henle of anaesthetized rats **493.P**, 96*P*, 1996

*see* SEWELL K. J., SHIRLEY D. G., MICHAEL A. E., THOMPSON A., NORGATE D. P. & UNWIN R. J. **497.P**, 90*P*, 1996

UNZAGA M.T. *see* LÓPEZ-OLIVA M. E., AGIS-TORRES A., UNZAGA M. T. & MUÑOZ-MARTÍNEZ E. **493.P**, 132*S*, 1996

UPTON E.L.

UPTON E. L. & LAW R. O. Sulphydryl groups and amino acid-dependent volume regulation by cells in incubated slices of rat superficial cerebral cortex **491.P**, 172*P*, 1996

URBAN J.P.G. *see* MOBASHERI A., SHACKLETON S., HARRIS A., HALL A. C. & URBAN J. P. G. **491.P**, 96*P*, 1996

*see* MOBASHERI A., URBAN J. P. G. & HALL A. C. **493.P**, 104*P*, 1996

*see* MOBASHERI A., GOLDING S., POCOCK A. E., ELLORY J. C., HALL A. C., URBAN J. P. G. & FRANCIS M. J. O. **494.P**, 59*P*, 1996

*see* MOBASHERI A., HALL A. C. & URBAN J. P. G. **495.P**, 124*P*, 1996

URDANETA E.

URDANETA E., IDOATE I. & LARRALDE J. Effect of fluoxetine on digestive enzymes and L-leucine intestinal absorption **493.P**, 103*S*, 1996

UREÑA J. *see* OBREGÓN F., UREÑA J. & LÓPEZ-BARNEO J. **493.P**, 71*S*, 1996

USAC E.F. *see* HUTTON J. C., CREEMERS J. W. M., BRIGHT N. A. & USAC E. F. **494.P**, 6*S*, 1996

USHKARYOV Y. *see* MCINTOSH P., SOUTHAN A. P., AKHTAR S., SIDERA C., USHKARYOV Y., DOLLY J. O. & ROBERTSON B. **495.P**, 87*P*, 1996

USOWICZ M.M. *see* WALL M. J. & USOWICZ M. M. **494.P**, 83*P*, 1996

*see* DUPERE J. R. B. & USOWICZ M. M. **494.P**, 84*P*, 1996

VAAGE J. *see* AHMAD M., ZEITLIN I. J., PARRATT J. R., VALEN G., TAKESHIMA S. & VAAGE J. **494.P**, 116*P*, 1996

VACCA G.

VACCA G., BATTAGLIA A., GROSSINI E., MARY D. A. S. G., MOLINARI C. & SURICO N. Reflex haemodynamic effects of distension of the uterus in anaesthetized pigs **497.P**, 17*P*, 1996

VALDEOLMILLOS M. *see* FERNÁNDEZ J. & VALDEOLMILLOS M. **491.P**, 91*P*, 1996

VALDIVIELSO J.M. *see* RIVAS-CABAÑERO L., VALDIVIELSO J. M., ALONSO J. R., ARÉVALO M. & LÓPEZ-NOVOA J. M. **493.P**, 86*S*, 1996

VALDIVIELSO J. M., RIVAS-CABAÑERO L., ALONSO J. R. & LÓPEZ-NOVOA J. M. Glomerular nitric oxide synthesis is increased in rats with ischaemic acute renal failure **493.P**, 87*S*, 1996

*see* GALLEGO-OVIEDO M. B., MARTÍNEZ-SALGADO C., VALDIVIELSO J. M., RODRÍGUEZ-BARBERO A., GARCÍA-BASTOS J. L., ARÉVALO M. & LÓPEZ-NOVOA J. M. **493.P**, 88*S*, 1996

VALDIVIESO J.M. *see* REVERTE M., VALDIVIESO J. M. & LÓPEZ-NOVOA J. M. **493.P**, 87*S*, 1996

VALEN G. *see* AHMAD M., ZEITLIN I. J., PARRATT J. R., VALEN G., TAKESHIMA S. & VAAGE J. **494.P**, 116*P*, 1996

VALENTÍN A. *see* COLINO A., VALENTÍN A. & GARCÍA-SEOANE J. J. **493.P**, 32*S*, 1996

VALKANOV M.A. *see* MARTIN R. J. & VALKANOV M. A. **491.P**, 105*P*, 1996

VALLO J.J. *see* CARRASCO M., VALLO J. J. & PORTILLO F. **493.P**, 53*S*, 1996

VALVERDE F. *see* SANTACANA M., DE LA VEGA A. G., HEREDIA M. & VALVERDE F. **493.P**, 50*S*, 1996

VALVERDE M.A.

VALVERDE M. A., ALTAMIRANO J. & ALVAREZ-LEEFMANS F. J. Expression of mouse P-glycoprotein 1a enhances cell regulatory volume decrease **491.P**, 99*P*, 1996

*see* BOND T. D., HIGGINS C. F. & VALVERDE M. A. **493.P**, 73*P*, 1996

VAN ASSCHE F.A. *see* HOLEMANS K., VAN BREE R., VERHAEGHE J. & VAN ASSCHE F. A. **494.P**, 38*P*, 1996

VAN BEEK J.H.G.M.

VAN BEEK J. H. G. M., BUSSEMAKER J. & WESTERHOF N. Measurement of local oxygen consumption in small frozen tissue samples with a new method shows a higher metabolic rate in subendocardium than in subepicardium in isolated rabbit heart **491.P**, 158*P*, 1996

VAN BREE R. *see* HOLEMANS K., VAN BREE R., VERHAEGHE J. & VAN ASSCHE F. A. **494.P**, 38*P*, 1996

VAN DE PUT F.H.M.M.
*VAN DE PUT F. H. M. M., LYGATE C. P. & ELLIOTT A. C.* Imaging of intracellular $Ca^{2+}$ stores in individual permeabilized pancreatic acinar cells **493.P,** 57*P,* 1996

VAN GOLDE J.C.
*VAN GOLDE J. C., MULDER T. L. & BLANCO C. E.* Cardiovascular changes in response to acute hypoxia in the chick embryo from stage 34 to 43 **494.P,** 30*P,* 1996
*VAN GOLDE J. C., WOLFS M. C., RHIJNSBURGER E. H., BORM P. J. & BLANCO C. E.* Induction of antioxidant enzyme (AOE) system by hyperoxia (60% $O_2$) in the developing chick embryo **494.P,** 30*P,* 1996

VAN HORSSEN A.M. *see MARTENS G. J. M., BRAKS J. A. M., VAN HORSSEN A. M., BROERS C. A. M. & KUIPER R. P.* **494.P,** 6*S,* 1996

VAN KEMPEN G. TH.H. *see MOLENAAR P. C., VAN KEMPEN G. TH. H., BARRY J. A. & RIBCHESTER R. R.* **495.P,** 153*P,* 1996

VAN KERKHOVE E. *see LAENEN B., DE DECKER N., STEELS P. & VAN KERKHOVE E.* **491.P,** 104*P,* 1996
*see DE DECKER N., VAN RIE J., STEELS P. & VAN KERKHOVE E.* **493.P,** 90*P,* 1996

VAN RIE J. *see DE DECKER N., VAN RIE J., STEELS P. & VAN KERKHOVE E.* **493.P,** 90*P,* 1996

VAN ROOIJEN N. *see BELLIDO C., GARCÍA M., AGUILAR E., VAN ROOIJEN N. & GAYTÁN F.* **493.P,** 53*S,* 1996

VANTINI G. *see LOCATELLI C., ERIKSSON C., BAJO V., EDELINE J.-M., LIBERATI D., VANTINI G. & VILLA A. E. P.* **493.P,** 20*S,* 1996
*VANTINI G., BAJO V., EDELINE J.-M. & VILLA A. E. P.* Nerve growth factor (NGF) modulates single unit activity in rat auditory thalamus **493.P,** 21*S,* 1996

VAQUERO C.
*VAQUERO C., DE LA VILLA P. & DOWNING J. E. G.* Voltage- and calcium-dependent outward currents of isolated fish thymic stromal cells **491.P,** 88*P,* 1996

VAQUERO C.F.
*VAQUERO C. F., DE LA VILLA P., VELASCO A. & KANEKO A.* L-type calcium current and dopamine-induced protein kinase C activation in axon terminal of rod bipolar cells of the mammalian retina **493.P,** 14*S,* 1996

VARA R. *see LÓPEZ-MIRANDA V., VARA R., GAITÁN M. R., SOLÍS M. & ALEIXANDRE M. A.* **493.P,** 137*S,* 1996

VARGAS C. *see FUENTES O., OLIVA P., VARGAS C., JARA A., CONTRERAS R. & SOBREVIA L.* **493.P,** 91*P,* 1996

VARGAS E. *see MATHISON Y., ROA E., MENDIBLE A., GÓMEZ N., WILLIAMS P., VARGAS E. & MENESES P.* **493.P,** 138*S,* 1996

VARGAS F.
*VARGAS F. & OSUNA A.* Modulatory role of endothelium-derived relaxing factors on the response to vasoconstrictors and on flow–pressure curve in the isolated perfused rat kidney **493.P,** 77*S,* 1996
*VARGAS F., FERNÁNDEZ-RIVAS A. & OSUNA A.* Renal vascular reactivity and flow–pressure curve in NO synthesis inhibition-induced hypertension **493.P,** 78*S,* 1996

VARGAS M. *see LEÓN-VELARDE F., VARGAS M., MONGE-C C., TORRANCE R. W. & ROBBINS P. A.* **491.P,** 51*P,* 1996

VARGHESE A. *see DAY K., VARGHESE A., NOBLE D. & KOHL P.* **497.P,** 5*P,* 1996

VARLEY J.S. *see PEARSON J. S., STRATTON E., ROBERTS A., VARLEY J. S. & COTTERRELL D.* **491.P,** 3*P,* 1996

VARRO A. *see DOCKRAY G. J., VARRO A., VORONINA S. & WANG T.* **494.P,** 8*S,* 1996
*see VORONINA S., VARRO A. & DOCKRAY G. J.* **495.P,** 104*P,* 1996
*see BATE G. W., VARRO A., DIMALINE R. & DOCKRAY G. J.* **495.P,** 94*P,* 1996

VARUGHESE M. *see GARDNER-MEDWIN A. R., VARUGHESE M. & MARGETTS P.* **494.P,** 2*P,* 1996

VASILENKO V.Y.
*VASILENKO V. Y., PETRUCHUK T. A. & GOURINE V. N.* Inherently thermosensitive warm-activated and cold-activated neurones in the rat hypothalamic slice **497.P,** 117*P,* 1996

VATICÓN D.
*VATICÓN D., ALVAREZ B. & TRESGUERRES J. A. F.* GnRH agonist treatment directly modifies 5α reduction at the testis **493.P,** 130*S,* 1996

VAUGHAN P.F.T. *see MCDONALD R. L., VAUGHAN P. F. T. & PEERS C.* **493.P,** 45*P,* 1996
*see KHAN N., PEERS C. & VAUGHAN P. F. T.* **497.P,** 119*P,* 1996
*see ROBERTS D. J., MCDONALD R. L., PEERS C. & VAUGHAN P. F. T.* **497.P,** 119*P,* 1996

VAUGHAN-JONES R.D. *see LEEM C. H., LOH S.-H. & VAUGHAN-JONES R. D.* **491.P,** 159*P,* 1996
*see DASSO L. L. T., BUCKLER K. J. & VAUGHAN-JONES R. D.* **493.P,** 17*P,* 1996
*see LEEM C. H. & VAUGHAN-JONES R. D.* **494.P,** 110*P,* 1996
*see LEEM C. H. & VAUGHAN-JONES R. D.* **494.P,** 110*P,* 1996
*see LEEM C. H. & VAUGHAN-JONES R. D.* **497.P,** 49*P,* 1996
*see LOH S.-H. & VAUGHAN-JONES R. D.* **497.P,** 58*P,* 1996
*see SCOTT A., LEEM C. H., RADDA G. K. & VAUGHAN-JONES R. D.* **497.P,** 58*P,* 1996

VAWDA F. *see RANATUNGA K. W. & VAWDA F.* **493.P,** 9*P,* 1996

VÁZQUEZ L.A. *see RODRÍGUEZ M. E., LORENZO M. T., LÓPEZ C., VÁZQUEZ L. A. & PAZO J. A.* **493.P,** 112*S,* 1996

VELASCO A.
*see VAQUERO C. F., DE LA VILLA P., VELASCO A. & KANEKO A.* **493.P,** 14*S,* 1996
*VELASCO A., TEJEDO B., LUNA L., G-GRANDA T., ALONSO I. & CUYAS L.* Circadian rhythms in corticoadrenal stimulation in diabetic rats **493.P,** 122*S,* 1996

VELASCO C.
*VELASCO C., MORÁN A., FERNÁNDEZ M. M., PRIETO P., MARTÍN M. L. & SAN ROMÁN L.* Inhibitory 5-HT receptors in the heart of the pithed rat **493.P,** 75*S,* 1996
*see MORÁN A., VELASCO C., PRIETO P., MARTÍN M. L. & SAN ROMÁN L.* **493.P,** 86*S,* 1996

VERGARA M. *see AMASSIAN V. E., CRACCO R. Q., MACCABEE P. J., CRACCO J. B., HASSAN N., VERGARA M. & EBERLE L.* **491.P,** 74*P,* 1996
*see AMASSIAN V. E., CRACCO R. Q., CRACCO J. B., MACCABEE P. J., VERGARA M. & HASSAN N.* **493.P,** 40*P,* 1996
*see AMASSIAN V. E., CRACCO R. Q., MACCABEE P. J., VERGARA M. & HASSAN N.* **497.P,** 34*P,* 1996

VERGARA P.
*VERGARA P.* Mechanisms regulating motor patterns in the small intestine **493.P,** 95*S,* 1996
*see GIRALT M. & VERGARA P.* **493.P,** 106*S,* 1996
*see RODRÍGUEZ-MEMBRILLA A., JUANOLA C. & VERGARA P.* **493.P,** 106*S,* 1996

VERGÉS M. *see ENRICH C., VERGÉS M., POL A. & ORTEGA D.* **493.P,** 158*S,* 1996

VERHAEGHE J. *see HOLEMANS K., VAN BREE R., VERHAEGHE J. & VAN ASSCHE F. A.* **494.P,** 38*P,* 1996

VERKHRATSKY A. *see KIRISCHUK S., KETTENMANN H. & VERKHRATSKY A.* **493.P,** 46*P,* 1996
*see KIRISCHUK S., MATIASH V., KULICK A. & VERKHRATSKY A.* **493.P,** 47*P,* 1996
*see TUSCHICK S., KIRISCHUK S., VERKHRATSKY A. & KETTENMANN H.* **493.P,** 72*P,* 1996
*see MÖLLER T., NOLTE C., VERKHRATSKY A. & KETTENMANN H.* **493.P,** 81*P,* 1996
*see KIRISCHUK S., VOITENKO N., KOSTYUK P. & VERKHRATSKY A.* **494.P,** 109*P,* 1996

VERNON G.G.
*VERNON G. G. & WOOLLEY D. M.* The use of caged ATP in flagellar axoneme reactivation studies **493.P,** 5*P,* 1996

VERRECCHIA F.
*VERRECCHIA F., PLUCIENNIK F. & HERVÉ J. C.* Ability of steroids to interrupt cell-to-cell communication between rat ventricular myocytes in culture **494.P,** 115*P,* 1996
*VERRECCHIA F. & HERVÉ J. C.* Reversible inhibition of gap junctional communication by 2,3-butanedione monoxime in cultured cardiac myocytes **494.P,** 116*P,* 1996

VERRI A. *see PATRINI C., LAFORENZA U., GASTALDI G., VERRI A., FERRARI G. & RINDI G.* **493.P,** 100*S,* 1996

VICENTE M.A. *see LERMA J., PATERNAIN A. V., MORALES M. & VICENTE M. A.* **493.P,** 27*S,* 1996

VICKERY R.M.
*VICKERY R. M., MORRIS S. H. & BINDMAN L. J.* An antagonist of metabotropic glutamate receptors prevents long-term potentiation (LTP) of a monosynaptic excitatory response to theta burst stimulation in isolated slices of rat medial frontal cortex **495.P,** 51*P,* 1996
*see BARRY M. F., VICKERY R. M. & BINDMAN L. J.* **495.P,** 52*P,* 1996

VICTOR R.G. *see VISSING S. F., SECHER N. H. & VICTOR R. G.* **491.P,** 70*P,* 1996

VIDA I. *see PAULSEN O. & VIDA I.* **495.P,** 50*P,* 1996

*see* COBB S. R., HALASY K., VIDA I., BUHL E. H. & SOMOGYI P. **495.P**, 62*P*, 1996

VIDGEON S. *see* LOUCA C., VIDGEON S., LINDEN R. W. A. & CADDEN S. W. **491.P**, 115*P*, 1996

VIGNES M.

*VIGNES M. & COLLINGRIDGE G. L.* Electrophysiological techniques for the study of pre- and postsynaptic kainate receptors in the hippocampus *in vitro* **493.P**, 9*P*, 1996

*VIGNES M., MATHIESEN C. & COLLINGRIDGE G. L.* Activation of a kainate-induced inward current in CA3 hippocampal neurons of immature rats *in vitro* **495.P**, 44*P*, 1996

VILA J.M. *see* NOGUERA I., MEDINA P., SEGARRA G., MARTÍNEZ M. C., ALDASORO M., VILA J. M. & LLUCH S. **493.P**, 70*S*, 1996

*see* SEGARRA G., MEDINA P., NOGUERA I., ALDASORO M., VILA J. M., FLOR B. & LLUCH S. **493.P**, 79*S*, 1996

*see* ROIG S., VIÑALS I., ALDASORO M., MEDINA P., VILA J. M., OTERO E. & LLUCH S. **493.P**, 79*S*, 1996

*see* MEDINA P., MARTÍNEZ M. C., VILA J. M., ALDASORO M., CHUAN P. & LLUCH S. **493.P**, 118*S*, 1996

VILLA A.E.P. *see* ERIKSSON J., LOCATELLI C., ERIKSSON C., BAJO V. & VILLA A. E. P. **493.P**, 14*S*, 1996

*see* LOCATELLI C., ERIKSSON C., BAJO V., EDELINE J.-M., LIBERATI D., VANTINI G. & VILLA A. E. P. **493.P**, 20*S*, 1996

*see* ROUILLER E. M., BAJO V., ERIKSSON J. & VILLA A. E. P. **493.P**, 21*S*, 1996

*see* VANTINI G., BAJO V., EDELINE J.-M. & VILLA A. E. P. **493.P**, 21*S*, 1996

VILLANÚA M.A. *see* MUÑOZ R. M. & VILLANÚA M. A. **493.P**, 51*S*, 1996

*see* GAMALLO A., GONZALEZ-ABAD M. J., TRANCHO G. J. & VILLANÚA M. A. **493.P**, 118*S*, 1996

*VILLANÚA M. A., MUÑOZ R. M., RODRÍGUEZ DE FONSECA F., MARTÍN CALDERÓN J. L. & NAVARRO M.* The highly potent cannabinoid receptor agonist (−)-Δ8-tetrahydrocannabinol-dimethyl-heptyl (HU-210) inhibits growth hormone (GH) release in male rats **493.P**, 120*S*, 1996

VILLANUEVA G.R. *see* MONTE M. J., SERRANO M. A., VILLANUEVA G. R., BARBERO E. R., HERRERA M. C., CRIADO J., DOMINGUEZ M. F. & MARIN J. J. G. **493.P**, 162*S*, 1996

*see* BRAVO P., SERRANO M. A., GUTIERREZ M., VILLANUEVA G. R. & MARIN J. J. G. **494.P**, 35*P*, 1996

VIÑA J.

*VIÑA J., DE LA ASUNCIÓN J. G., MILLÁN A., BRUSEGHINI L., PALLARDÓ F. V. & SASTRE J.* Mitochondrial glutathione oxidation correlates with oxidative damage to mitochondrial DNA (mtDNA) **491.P**, 44*P*, 1996

*VIÑA J., PALLARDÓ F. V., SASTRE J., ASENSI M., DE LA ASUNCIÓN J. G. & MILLÁN A.* Role of mitochondria in cellular ageing: direct relationship between glutathione oxidation and DNA damage **493.P**, 57*S*, 1996

VIÑALS I. *see* MEDINA P., VIÑALS I., ROIG S., ALDASORO M., MARTÍNEZ M. C., LEÓN J. M. & LLUCH S. **493.P**, 78*S*, 1996

*see* ROIG S., VIÑALS I., ALDASORO M., MEDINA P., VILA J. M., OTERO E. & LLUCH S. **493.P**, 79*S*, 1996

VINCENT A. *see* NEWLAND C., CROXEN R., BEESON D., VINCENT A. & NEWSOM-DAVIS J. **495.P**, 79*P*, 1996

VINCENT T. *see* HOROWITZ B., VOGALIS F., VINCENT T., QUERSHI I., SCHMALZ F. & WARD M. **495.P**, 90*P*, 1996

VINNICOMBE J. *see* LEVI A. J., HANCOX J. C., HOWARTH F. C., VINNICOMBE J. & CROKER J. **493.P**, 3*P*, 1996

VISSING S.F. *see* ROACH R. C., CALBET J. A., OLSEN N. V., POULSEN T. D., VISSING S. F. & SALTIN B. **491.P**, 60*P*, 1996

*VISSING S. F., SECHER N. H. & VICTOR R. G.* Cutaneous neurocirculatory adjustments to upright posture in humans **491.P**, 70*P*, 1996

VIVO R. *see* MUÑOZ A., CASTEJÓN F. M., TOVAR P., VIVO R., ESCRIBANO B. M. & SANTISTEBAN R. **493.P**, 17*S*, 1996

*see* AGÜERA E. I., RUBIO M. D., VIVO R., AGÜERA S., ESCRIBANO B. M., MUÑOZ A. & CASTEJON F. M. **493.P**, 142*S*, 1996

VOCE A. *see* CLARKE R. W., OGILVIE J., PARRY-BAGGOTT C. & VOCE A. **495.P**, 23*P*, 1996

VOGALIS F. *see* HOROWITZ B., VOGALIS F., VINCENT T., QUERSHI I., SCHMALZ F. & WARD M. **495.P**, 90*P*, 1996

VOGIATZIS I.

*VOGIATZIS I., PATERSON K., SKEATS M. & JENNETT S.* Ventilation during and after isometric effort in healthy people **491.P**, 58*P*, 1996

VOITENKO N. *see* KIRISCHUK S., VOITENKO N., KOSTYUK P. & VERKHRATSKY A. **494.P**, 109*P*, 1996

VON DER THÜSEN J.H.

*VON DER THÜSEN J. H., SMITH G. D. P., BLEASEDALE-BARR K. & MATHIAS C. J.* Differences in postprandial hypotension in two subtypes with human central autonomic failure (Shy-Drager syndrome/multiple system atrophy) **495.P**, 129*P*, 1996

VON KOBBE C. *see* GONZALO J. A., VON KOBBE C., MELLADO M., FRADE J. M. R., KREMER L., MAZUCHELLI R., CARRERA A. C., MERIDA I. & MARTINEZ-A C. **493.P**, 44*S*, 1996

VON WEIKERSTHAL S.F.

*VON WEIKERSTHAL S. F., HAINSWORTH A. H., HENDERSON R. M., HLADKY S. B. & BARRAND M. A.* Hypotonicity-induced changes in chloride currents in endothelial cells cultured from rat brain microvasculature **494.P**, 58*P*, 1996

*VON WEIKERSTHAL S. F., BARRAND M. A. & HLADKY S. B.* Characterization of swelling-activated chloride channels in cultured rat brain microvessel endothelial cells **495.P**, 91*P*, 1996

VORMANN J.

*VORMANN J., GÜNTHER T., MAGDORF K. & ROB P.* Changed erythrocyte magnesium transport in patients with cystic fibrosis and renal failure **493.P**, 66*P*, 1996

VOROBYEV V.A.

*VOROBYEV V. A., MEDVEDEV S. V., PAKHOMOV S. V., ROKHLIN A. S., ROUDAS M. S. & KOROTKOV A. D.* PET study of the brain systems involved in reading and processing of physical and grammatical features of visually presented single words in man **491.P**, 179*P*, 1996

VORONINA S. *see* DOCKRAY G. J., VARRO A., VORONINA S. & WANG T. **494.P**, 8*S*, 1996

*VORONINA S., VARRO A. & DOCKRAY G. J.* Modulation of gastrin processing by changes in intragranular amine content **495.P**, 104*P*, 1996

VOVK V. *see* BENCHETRIT G., GENTIL M., MOLDOVANOU I., EBERHARD A., POLLAK P., VOVK V., COULIART V. & BACHY J. P. **497.P**, 28*P*, 1996

VRBOVA G. *see* GOLDSPINK G., YANG S. Y., SKARLI M. & VRBOVA G. **495.P**, 162*P*, 1996

VU A.T. *see* JONDET A., BIDON J.-C., BLIN M., VU A. T. & GOGNY M. **491.P**, 43*P*, 1996

VYSKOČIL F. *see* ZEMKOVÁ H. & VYSKOČIL F. **491.P**, 129*P*, 1996

WADICHE J. *see* ZERANGUE N., WADICHE J. & KAVANAUGH M. **493.P**, 2*S*, 1996

WADSWORTH J. *see* CARO C. G., DOORLY D. J., TARNAWSKI M., MCLEAN M., WADSWORTH J. & DUMOULIN C. L. **497.P**, 69*P*, 1996

WAHLE K.W. *see* MASON H. S., SYME C. A., MACDONALD A. G. & WAHLE K. W. **495.P**, 74*P*, 1996

WAINWRIGHT A. *see* CRAWFORD J. H., WAINWRIGHT A., HEAVENS R., SCOTT R. H. & SEABROOK G. R. **495.P**, 46*P*, 1996

WAKERLEY J.B.

*WAKERLEY J. B.* Potentiation of NMDA-induced excitation of putative vasopressin neurones in the rat supraoptic nucleus by the neurosteroid pregnenolone sulphate **494.P**, 140*P*, 1996

WALKER D.

*WALKER D., THWAITES D. T., SIMMONS N. L., GILBERT H. J. & HIRST B. H.* Substrate regulation of the di/tripeptide transporter, hPepT1, in Caco-2 cells **493.P**, 70*P*, 1996

*see* COLLETT A., WALKER D., SIMS E., HE Y.-L., ROWLAND M. & WARHURST G. **493.P**, 80*P*, 1996

WALKER J.H. *see* FAWCETT J. M., HULME J. T., HARRISON S. M., WALKER J. H. & ORCHARD C. H. **497.P**, 57*P*, 1996

WALKER L.M. *see* AHMED M. A. A. S., WALKER L. M., PUBLICOVER S. J. & EL HAJ A. J. **497.P**, 126*P*, 1996

WALKER R.J. *see* PEDDER S. M., CHEN M. L., MUNEOKA Y. & WALKER R. J. **491.P**, 108*P*, 1996

*see* WHITE A. R., BASCAL Z., HOLDEN-DYE L. & WALKER R. J. **491.P**, 108*P*, 1996

*see* HOLDEN-DYE L., BROWNLEE D. J. A. & WALKER R. J. **495.P**, 32*P*, 1996

*see* PEDDER S. M., MUNEOKA Y. & WALKER R. J. **495.P**, 39*P*, 1996

*see* BROWNLEE D. J., HOLDEN-DYE L. & WALKER R. J. **495.P**, 41*P*, 1996

WALL M.J.

*WALL M. J. & USOWICZ M. M.* Postnatal development of spontaneous GABAergic transmission at the Golgi cell–granule cell synapse of rat cerebellum **494.P**, 83*P*, 1996

WALL P.D. *see* LIDIERTH M. & WALL P. D. **497.P**, 105*P*, 1996

WALLACE D. *see* SULEIMAN M.-S., WALLACE D., BIRKETT S. & ANGELINI G. D. **491.P**, 44*P*, 1996

WALLACE J.M.

*WALLACE J. M., DA SILVA P., AITKEN R. P. & CHEYNE M. A.* Maternal endocrine status in relation to pregnancy outcome in rapidly growing adolescent sheep **494.P**, 41*P*, 1996

WALLI A.K. *see BRAND K., BAUERLE P. A., WALLI A. K. & NEUMEIER D.* **491.P**, 2*S*, 1996

WALLØE L. *see SØVIK S., LOSSIUS K., ERIKSEN M., GRØGAARD J. & WALLØE L.* **494.P**, 36*P*, 1996

*see BERGERSEN T. K., ERIKSEN M. & WALLØE L.* **494.P**, 97*P*, 1996

WALSH D.M. *see FOSTER N. E. L., BAXTER F., WALSH D. M., BAXTER G. D. & ALLEN J. M.* **491.P**, 78*P*, 1996

*see LOWE A. S., MCCORMACK K., WALSH D. M., BAXTER G. D. & ALLEN J. M.* **495.P**, 131*P*, 1996

WALSH E.G.

*WALSH E. G.* Timing of human finger movements **495.P**, 2*P*, 1996

*see LIN J.-P., BROWN J. K. & WALSH E. G.* **495.P**, 148*P*, 1996

WALSH F.S. *see FAZELI S., DOHERTY P. & WALSH F. S.* **495.P**, 6*S*, 1996

WALTER S.J. *see BAILEY M. A., SHIRLEY D. G., UNWIN R. J. & WALTER S. J.* **493.P**, 77*P*, 1996

*see BAILEY M. A., FLETCHER R. M., WOODROW D. F., UNWIN R. J. & WALTER S. J.* **493.P**, 95*P*, 1996

*see UNWIN R. J., SHIRLEY D. G., WALTER S. J., CAPASSO G. & GIEBISCH G.* **493.P**, 96*P*, 1996

*see PILLAI J. M., KOBAYASHI I., WALTER S. J., ADAMS L. & MURPHY K.* **495.P**, 138*P*, 1996

WANG H. *see MORRIS J. F., WANG H. & JADESIMI A. A.* **494.P**, 11*S*, 1996

WANG S. *see PINTOR J., KING B. F., WANG S., ZIGANSHIN A. U., ZIGANSHINA L. E., MIRAS-PORTUGAL M. T. & BURNSTOCK G.* **493.P**, 153*S*, 1996

WANG T. *see DOCKRAY G. J., VARRO A., VORONINA S. & WANG T.* **494.P**, 8*S*, 1996

WANG W.

*WANG W. & MICHEL C. C.* A theoretical investigation of the effects of anastomoses between the descending and ascending vasa recta upon the distribution of solute in the renal medulla **491.P**, 25*P*, 1996

*see HEBERT S. C., BROWN E., RICCARDI D., HARRIS W., SANDS J. & WANG W.* **493.P**, 5*S*, 1996

WANG Y.

*WANG Y., ROWAN M. J. & ANWYL R.* Evidence that long-term depression induction in the rat hippocampus *in vitro* requires $Ca^{2+}$ influx via $Ni^{2+}$-sensitive $Ca^{2+}$ channels and $Ca^{2+}$ release from intracellular stores **495.P**, 50*P*, 1996

WARD J.P.T. *see STEPHENS L. J., MCGARRICK J. D. & WARD J. P. T.* **491.P**, 2*P*, 1996

WARD M. *see HOROWITZ B., VOGALIS F., VINCENT T., QUERSHI I., SCHMALZ F. & WARD M.* **495.P**, 90*P*, 1996

WARD S.A.

*WARD S. A. & WHIPP B. J.* The influence of acute metabolic acidaemia on ventilatory kinetics during moderate exercise in humans **491.P**, 57*P*, 1996

*see WHIPP B. J., WARD S. A. & HASSALL M.* **491.P**, 60*P*, 1996

*see WITHERS M., HUSSAIN T., DONLON M., WARD S. A. & WHIPP B. J.* **493.P**, 32*P*, 1996

*see OZYENER F., WARD S. A. & WHIPP B. J.* **494.P**, 98*P*, 1996

*see TOMLINSON L., WARD S. A. & WHIPP B. J.* **494.P**, 99*P*, 1996

*see OZCELIK O., WARD S. A. & WHIPP B. J.* **497.P**, 31*P*, 1996

WARD S.M.

*WARD S. M., BAYGUINOV J., STRATTON C. J., BURNS A. J. & SANDERS K. M.* Developmental changes in interstitial cells of Cajal in the murine oesophagus **495.P**, 94*P*, 1996

WAREHAM A.C. *see EDWARDS J. P., HATTON P. A., LITTLE R. A. & WAREHAM A. C.* **495.P**, 68*P*, 1996

WAREHAM K.V.

*WAREHAM K. V. & SKORUPSKI P.* Activity patterns of crayfish leg motoneurones in an *in vitro* central nervous system preparation **493.P**, 9*P*, 1996

WAREING M.

*WAREING M. & GREEN R.* Estimated potassium reflection coefficient ($\sigma_K$) in the proximal convoluted tubule (PCT) of the anaesthetized rat: effect of mercury (II) chloride and barium chloride **493.P**, 96*P*, 1996

*see MALTBY M., WILSON R. W., WAREING M. & GREEN R.* **493.P**, 56*P*, 1996

*WAREING M., COCKBURN M. F. & GREEN R.* Lack of effect of luminal mercury (II) chloride ($HgCl_2$) on fluid reabsorptive rate in the proximal convoluted tubule (PCT) of the anaesthetized rat **493.P**, 67*P*, 1996

WARHURST G. *see COLLETT A., WALKER D., SIMS E., HE Y.-L., ROWLAND M. & WARHURST G.* **493.P**, 80*P*, 1996

*see SIMS E., COLLETT A., ROWLAND M. & WARHURST G.* **493.P**, 87*P*, 1996

WARREN N. *see PRICE D. J., LOTTO R. B., PEACOCK S. D., CLAUSEN J. A., CASES O. & WARREN N.* **495.P**, 7*S*, 1996

WATERMAN S.A.

*WATERMAN S. A., LANG B. & NEWSOM-DAVIS J.* Role of voltage-gated calcium channel subtypes in mediating transmitter release from postganglionic sympathetic neurones in the isolated mouse vas deferens **491.P**, 144*P*, 1996

WATERS A.J.

*WATERS A. J. & LUMB B. M.* Descending influences from the periaqueductal grey facilitate Aδ-mediated nociceptive responses of rat dorsal horn neurones **495.P**, 18*P*, 1996

*WATERS A. J. & LUMB B. M.* Opposite effects of chemical and electrical stimulation in the periaqueductal grey (PAG) on the Aδ-mediated nociceptive responses of rat dorsal horn neurones **497.P**, 106*P*, 1996

WATERS D.J.

*WATERS D. J.* Expression of a kainate-type glutamate receptor by rat basal forebrain neurones in dissociated culture **495.P**, 45*P*, 1996

WATKINS C.S.

*WATKINS C. S., AMOS B. J. & MATHIE A.* Effects of a membrane-permeable calcium chelator on muscarinic responses in rat cultured cerebellar granule neurons **495.P**, 66*P*, 1996

WATSON A.J.M. *see BENSON R. S. P. & WATSON A. J. M.* **493.P**, 57*P*, 1996

WATSON L. *see KIMBER J., WATSON L. & MATHIAS C. J.* **494.P**, 138*P*, 1996

WATSON L.P. *see PUVI-RAJASINGHAM S., KIMBER J., AKINOLA A., MAGNIFICO F., WATSON L. P. & MATHIAS C. J.* **494.P**, 96*P*, 1996

WAY M. *see GRIFFITHS G., ROOS N., CUDMORE S., WAY M. & KRIJNSE LOCKER J.* **494.P**, 4*S*, 1996

WAYMAN C.P.

*WAYMAN C. P., MCFADZEAN I., GIBSON A. & TUCKER J. F.* Sodium nitroprusside inhibits carbachol-induced oscillations in calcium-activated chloride current in single smooth muscle cells isolated from the mouse anococcygeus **495.P**, 174*P*, 1996

WEATHERBY R.P. *see WESTIN S. B., ZHOU S., WEATHERBY R. P. & ROBSON S. J.* **491.P**, 82*P*, 1996

WEBER S.

*WEBER S., BOSCH-MORELL F. & ROMERO F. J.* Methyl mercury-induced acute neurotoxicity: effects on the glutathione system of central and peripheral nervous tissue **493.P**, 20*S*, 1996

WEINBERG P.D. *see FORSTER B. A., LEAKE D. S., RICHARDS J. P. & WEINBERG P. D.* **491.P**, 24*P*, 1996

WEISSBERG P.L.

*WEISSBERG P. L.* Smooth muscle cell proliferation **491.P**, 4*S*, 1996

WELLER A.S.

*WELLER A. S., MILLARD C. E., GREENHAFF P. L. & MACDONALD I. A.* The influence of a 36 h fast and cold exposure on the physiological responses to prolonged intermittent walking exercise in man **495.P**, 135*P*, 1996

WELLMAN G.C.

*WELLMAN G. C., QUAYLE J. M. & STANDEN N. B.* Glibenclamide inhibits ATP-sensitive (KATP) but not inward rectifier (KIR) potassium currents co-existing in pig coronary vascular smooth muscle cells **495.P**, 74*P*, 1996

WELLS J. *see MARTINEZ J. R., ZHANG G. H., WILLIS S. & WELLS J.* **495.P**, 122*P*, 1996

WELLS S.G.

*WELLS S. G. & BARNES G. R.* Anticipatory ocular smooth pursuit of repetitive target velocity sequences in humans **494.P**, 69*P*, 1996

WESELOH R.M. *see STANSFELD C. E., RÖPER J., LUDWIG J., WESELOH R. M., MARSH S. J., BROWN D. A. & PONGS O.* **491.P**, 89*P*, 1996

WEST D. *see ALI A., DEUCHARS J., HAHN J., PAWELZIK H., WEST D. & THOMSON A. M.* **494.P**, 11*P*, 1996

WEST J.B. *see BOYD C. A. R., HORDER T. J., KIDD C., ROSENBERG M. E., TANSEY E. M., WEST J. B. & WHIPP B. J.* **494.P**, 28*P*, 1996

WEST M. *see CAVET M. E., WEST M. & SIMMONS N. L.* **493.P**, 61*P*, 1996

WESTERHOF N. *see VAN BEEK J. H. G. M., BUSSEMAKER J. & WESTERHOF N.* **491.P**, 158*P*, 1996

WESTIN S.B.

*WESTIN S. B., ZHOU S., WEATHERBY R. P. & ROBSON S. J.* Effect of exogenous Coenzyme $Q_{10}$ on cardiorespiratory and metabolic responses to exercise in endurance athletes **491.P**, 82*P*, 1996

WESTLUND K.N. *see* REES H., HOUGHTON A., CHEN P.-S., AL CHEAR E. D., WESTLUND K. N. & WILLIS W. D. **495.P**, 20*P*, 1996

WEVERS R.A. *see* DE HAAN A., KOUDIJS J. C. M., JETTEN I., STEEGHS K. & WEVERS R. A. **491.P**, 125*P*, 1996

WHEELER-JONES C.P.D.
WHEELER-JONES C. P. D., HOULISTON R. A., MORGAN A. J. & PEARSON J. D. Activation of the 42 kDa isoform of MAP kinase by calcium-mobilizing agents in human umbilical vein endothelial cells **491.P**, 12*P*, 1996
*see* MAY M. J., WHEELER-JONES C. P. D. & PEARSON J. D. **491.P**, 13*P*, 1996

WHIPP B.J. *see* WARD S. A. & WHIPP B. J. **491.P**, 57*P*, 1996
WHIPP B. J., WARD S. A. & HASSALL M. Estimating the metabolic rate of marching Roman Legionaries **491.P**, 60*P*, 1996
*see* WITHERS M., HUSSAIN T., DONLON M., WARD S. A. & WHIPP B. J. **493.P**, 32*P*, 1996
*see* BOYD C. A. R., HORDER T. J., KIDD C., ROSENBERG M. E., TANSEY E. M., WEST J. B. & WHIPP B. J. **494.P**, 28*P*, 1996
*see* OZYENER F., WARD S. A. & WHIPP B. J. **494.P**, 98*P*, 1996
*see* TOMLINSON L., WARD S. A. & WHIPP B. J. **494.P**, 99*P*, 1996
*see* OZCELIK O., WARD S. A. & WHIPP B. J. **497.P**, 31*P*, 1996

WHITE A.R.
WHITE A. R., BASCAL Z., HOLDEN-DYE L. & WALKER R. J. Evidence for a possible role for nitric oxide in the modulation of heart activity of *Achatina* and *Helix* hearts **491.P**, 108*P*, 1996

WHITE E. *see* BRETTE F., HONGO K., HAROON M. M. & WHITE E. **491.P**, 157*P*, 1996
*see* AUCLERC-PASCAREL C., HONGO K., CAZORLA O., GARNIER D., WHITE E. & LE GUENNEC J.-Y. **491.P**, 161*P*, 1996
*see* CALAGHAN S. C., WHITE E. & COLYER J. **497.P**, 3*P*, 1996

WHITE E.L. *see* FLEIDERVISH I. A., AMDOUR B. L., WHITE E. L. & GUTNICK M. J. **494.P**, 88*P*, 1996

WHITE K.N. *see* CAMPBELL M. M., MCCROHAN C. R., WHITE K. N. & POWELL J. J. **495.P**, 34*P*, 1996

WHITE M.J.
WHITE M. J., CARRINGTON C. A. & OAKES M. The effects of an isometric strength training programme on the pressor response to voluntary and involuntary isometric exercise of the human triceps surae **491.P**, 78*P*, 1996

WHITE S. *see* AUSTIN N., LI Q., HORNBY D. & WHITE S. **497.P**, 94*P*, 1996

WHITE S.J. *see* LI Q., PARKER A., HORNBY D. & WHITE S. J. **493.P**, 92*P*, 1996
*see* ELHAMRI M. & WHITE S. J. **497.P**, 91*P*, 1996

WHITTINGTON M.A.
WHITTINGTON M. A., TRAUB R. D. & JEFFERYS J. G. R. Effects of intravenous anaesthetic agents, propofol and thiopental, on fast inhibitory oscillations in the rat hippocampal slice **491.P**, 140*P*, 1996

WIDDAS W.F. *see* BAKER G. F. & WIDDAS W. F. **494.P**, 61*P*, 1996

WIESENFELD-HALLIN Z.
WIESENFELD-HALLIN Z. Mediators of neuropathic and inflammatory sensitization **495.P**, 17*S*, 1996

WILDMAN S.S. *see* KING B. F., ZIGANSHINA L. E., PINTOR J., WILDMAN S. S. & BURNSTOCK G. **494.P**, 77*P*, 1996

WILEMAN S.M.
WILEMAN S. M., BAYDOUN A. R. & MANN G. E. Transport of nitric oxide synthase inhibitors in rat aortic smooth muscle cells activated with bacterial lipopolysaccharide and interferon-$\gamma$ **491.P**, 20*P*, 1996

WILKINSON D. *see* SMYTH C., WILKINSON D. & WILKINSON M. **491.P**, 179*P*, 1996

WILKINSON M. *see* SMYTH C., WILKINSON D. & WILKINSON M. **491.P**, 179*P*, 1996

WILKINSON N.C.
WILKINSON N. C., MCBRIDE D. W. JR & HAMILL O. P. On the role of a mechano-gated channel in *Xenopus* oocytes **491.P**, 101*P*, 1996

WILLHOFT S.V. *see* REYNOLDS L. A., TANSEY E. M. & WILLHOFT S. V. **494.P**, 26*P*, 1996

WILLIAMS A. *see* SHARMA S., SAWYER A., WILLIAMS A. & FORSLING M. L. **497.P**, 98*P*, 1996

WILLIAMS K. *see* LUDWIG M., WILLIAMS K., CALLAHAN M. F. & MORRIS M. **494.P**, 141*P*, 1996

WILLIAMS N. *see* MCKOY G., MANDER J., WILLIAMS N. & GOLDSPINK G. **491.P**, 98*P*, 1996

WILLIAMS P. *see* MATHISON Y., ROA E., MENDIBLE A., GÓMEZ N., WILLIAMS P., VARGAS E. & MENESES P. **493.P**, 138*S*, 1996

WILLIAMS R.G. *see* HILTON J. E. B. P. & WILLIAMS R. G. **495.P**, 105*P*, 1996

WILLIAMS R.M.
WILLIAMS R. M., KLAFFSCHENKEL R. A., BECKER H. D. & DEUSCH K. Evidence for mast cell heterogenity in inflammatory bowel disease **495.P**, 97*P*, 1996

WILLIAMSON J.B. *see* MCGOVERN A., RICHARDSON H. C. & WILLIAMSON J. B. **495.P**, 144*P*, 1996

WILLIAMSON R. *see* CHRACHRI A. & WILLIAMSON R. **495.P**, 35*P*, 1996
*see* COBB C. S. & WILLIAMSON R. **495.P**, 36*P*, 1996

WILLIS S. *see* MARTINEZ J. R., ZHANG G. H., WILLIS S. & WELLS J. **495.P**, 122*P*, 1996

WILLIS W.D. *see* REES H., HOUGHTON A., CHEN P.-S., AL CHEAR E. D., WESTLUND K. N. & WILLIS W. D. **495.P**, 20*P*, 1996

WILLMOTT K.L.
WILLMOTT K. L., THEWLES A. & LOTE C. J. Effect of frusemide infusion on urinary aluminium excretion in the conscious rat **493.P**, 99*P*, 1996

WILLOTT *see* MURPHY C. L., WILLOTT, R. H. & LEVER M. J. **491.P**, 31*P*, 1996

WILLSHAW D.
WILLSHAW D. Mechanisms of synaptic competition **495.P**, 8*S*, 1996

WILSON C.A. *see* YILMAZ B., GILMORE D. P. & WILSON C. A. **495.P**, 117*P*, 1996

WILSON C.F.
WILSON C. F. & HOOD A. J. C. Relaxation of mouse gallbladder contraction by a spasmolytic peptide isolated from extracts of distal ileal mucosa **495.P**, 106*P*, 1996

WILSON H. *see* MCQUEEN J. K., WILSON H., DOW R. C. & FINK G. **495.P**, 114*P*, 1996

WILSON R.W. *see* MALTBY M., WILSON R. W., WAREING M. & GREEN R. **493.P**, 56*P*, 1996

WILSON S.M. *see* PEDIANI J. D., MCGRATH J. C. & WILSON S. M. **495.P**, 173*P*, 1996
*see* REMSBURY A., RAKHIT S. & WILSON S. M. **495.P**, 179*P*, 1996

WINDLE R.J.
WINDLE R. J., SHANKS N., WOOD S., LIGHTMAN S. L. & INGRAM C. D. Suppression of behavioural and endocrine responses to psychological stress by central administration of oxytocin (OT) in the rat **493.P**, 44*P*, 1996
WINDLE R. J., SHANKS N., SHILES P. A., WOOD S., LIGHTMAN S. L. & INGRAM C. D. Behavioural and endocrine responses to a psychological stress in virgin and lactating rats **495.P**, 108*P*, 1996

WINKLER H. *see* MCQUEEN D. S., WINKLER H., EDER U., TIMM M., DASHWOOD M. R. & BOND S. M. **495.P**, 20*P*, 1996

WINLOW W. *see* SPENCER G. E., SYED N. I., LUKOWIAK K. & WINLOW W. **491.P**, 104*P*, 1996
*see* MISHMAST-NEHI G. & WINLOW W. **495.P**, 36*P*, 1996
*see* WOOD G., AZIZ A., MUSTAFA M. A. & WINLOW W. **495.P**, 37*P*, 1996
*see* WOOD G. & WINLOW W. **495.P**, 38*P*, 1996
*see* WOOD G., QAZZAZ M., HETHERINGTON M. & WINLOW W. **497.P**, 6*P*, 1996
*see* MORRIS T. J., AZIZ A., MUSTAFA M. A., HOPKINS P. M. & WINLOW W. **497.P**, 116*P*, 1996
*see* QAZZAZ M. & WINLOW W. **497.P**, 116*P*, 1996
*see* MOROZ L. L., CHATTERJEE P. & WINLOW W. **497.P**, 118*P*, 1996

WINTER D.C.
WINTER D. C., CUFFE J., O'SULLIVAN G. C., BUTT A. G. & HARVEY B. J. Calcium mediates potassium channel activation by histamine and carbachol in human colon **493.P**, 67*P*, 1996

WINTER E.M.
WINTER E. M. & BROWN D. Scaling peak power output for differences in body size in men **491.P**, 68*P*, 1996

WISDOM D.M. *see* GEADA M., SINGH J., DOMSCHKE W., MOOREN F. CH. & WISDOM D. M. **493.P**, 90*P*, 1996
*see* GEADA M. M., SINGH J., WISDOM D. M., DOMSCHKE W. & MOOREN F. CH. **495.P**, 123*P*, 1996

WISE R.J.S. *see* MURPHY K., CORFIELD D. R., GUZ A., FINK G., HARRISON J., WISE R. J. S. & ADAMS L. **497.P**, 22*P*, 1996

WITHERS M.
WITHERS M., HUSSAIN T., DONLON M., WARD S. A. & WHIPP B. J. Pulmonary $O_2$ uptake kinetics and femoral artery blood flow following high-intensity exercise in humans **493.P**, 32*P*, 1996

WITHINGTON D.J. *see* PLATT B. & WITHINGTON D. J. **497.P**, 65*P*, 1996

WOLEDGE R.C. *see* LOU F., CURTIN N. A. & WOLEDGE R. C. **494.P**, 131*P*, 1996
*see* PHILLIPS S. K., LEVY D., YEO A., WOLEDGE R. C., BRUCE S. A., MARTIN F. C. & YOUNG A. **494.P**, 134*P*, 1996

WOLFF C.B.

*WOLFF C. B., SARKER M. H. & FRASER P. A.* Cerebral microvascular permeability and CSF pH in anaesthetized rats **491.P**, 31*P*, 1996

*see BARRY P. B., MASON N. P., NICKOL A., DATTA A., MILLEDGE J. S., WOLFF C. B. & COLLIER D. J.* **497.P**, 29*P*, 1996

*see COLLIER D. J., NATHAN J., FLOWER R. J., WOLFF C. B., MILLEDGE J. S. & SWENSON E. R.* **497.P**, 30*P*, 1996

WOLFS M.C. *see VAN GOLDE J. C., WOLFS M. C., RHIJNSBURGER E. H., BORM P. J. & BLANCO C. E.* **494.P**, 30*P*, 1996

WONG P.S.K.

*WONG P. S. K. & JOHNS E. J.* The effect of saline volume expansion (VE) on renal nerve activity (RNA) in anaesthetized Wistar and fructose-fed rats **497.P**, 93*P*, 1996

WONG R.O.L.

*WONG R. O. L.* Retinal waves and segregation of visual inputs **495.P**, 8*S*, 1996

WOOD G.

*WOOD G., AZIZ A., MUSTAFA M. A. & WINLOW W.* The effect of *Zanthoxylum myriacanthum* extract on soma action potentials of identified *Lymnaea stagnalis* neurons **495.P**, 37*P*, 1996

*WOOD G. & WINLOW W.* Seasonal variation of spike width in identified neurons of *Lymnaea stagnalis* **495.P**, 38*P*, 1996

*WOOD G., QAZZAZ M., HETHERINGTON M. & WINLOW W.* Teaching basic neurophysiology to undergraduates: a novel approach **497.P**, 6*P*, 1996

WOOD I.S. *see DE LA HORRA C., CALONGE M. L., GRIBBLE S. M., WOOD I. S., ILUNDIN A. A. & SHIRAZI-BEECHEY S. P.* **493.P**, 102*S*, 1996

WOOD P.G.

*WOOD P. G. & GILLESPIE J. I.* The importance of $Cl^-$ in $IP_3$-induced $Ca^{2+}$ mobilization from the endoplasmic reticulum of permeabilized bovine aortic endothelial cells **491.P**, 13*P*, 1996

WOOD S. *see WINDLE R. J., SHANKS N., WOOD S., LIGHTMAN S. L. & INGRAM C. D.* **493.P**, 44*P*, 1996

*see TATTERSALL J. E. H., BALDWIN P. J., WOOD S. & CRISP G.* **495.P**, 6*P*, 1996

*see WINDLE R. J., SHANKS N., SHILES P. A., WOOD S., LIGHTMAN S. L. & INGRAM C. D.* **495.P**, 108*P*, 1996

WOODING F.B.P. *see CARE A. D., ABBAS S. K., JONES G. V., ROBINSON J. & WOODING F. B. P.* **494.P**, 30*P*, 1996

WOODROOFE M.N.

*WOODROOFE M. N.* Cytokine expression by microglia *in vitro* and in the central nervous system in multiple sclerosis **493.P**, 45*S*, 1996

WOODROW D.F. *see BAILEY M. A., FLETCHER R. M., WOODROW D. F., UNWIN R. J. & WALTER S. J.* **493.P**, 95*P*, 1996

WOODRUFF G.N. *see KNIBBS D., WOODRUFF G. N., DAUM P. & PINNOCK R. D.* **493.P**, 47*P*, 1996

WOODWARD R.

*WOODWARD R., STEVENS E. B. & MURRELL-LAGNADO R. D.* Molecular determinants of inwardly rectifying $K^+$ channel assembly **494.P**, 50*P*, 1996

WOOLF C.J. *see MILLER B. A., MADHAVAN B. & WOOLF C. J.* **494.P**, 44*P*, 1996

WOOLLEY D.M. *see VERNON G. G. & WOOLLEY D. M.* **493.P**, 5*P*, 1996

WRAGG S. *see ROBSON L., WRAGG S. & HUNTER M.* **497.P**, 88*P*, 1996

WRAY D. *see YUSAF S. P., BEECH D. J., WRAY D. & SIVAPRASADARAO A.* **494.P**, 51*P*, 1996

*see YOUNG B. A. & WRAY D.* **497.P**, 121*P*, 1996

*see GRAHAM E. L., YUSAF S. P. & WRAY D.* **497.P**, 123*P*, 1996

*see YUSAF S. P., WRAY D. & SIVAPRASADARAO A.* **497.P**, 128*P*, 1996

WRAY S. *see SMITH R. D., SHMIGOL A. V., TAGGART M. J., WRAY S. & EISNER D. A.* **491.P**, 168*P*, 1996

*see RAMSEY J. & WRAY S.* **495.P**, 172*P*, 1996

*see BURDYGA TH. V. & WRAY S.* **495.P**, 173*P*, 1996

*see NADERALI E. K. & WRAY S.* **495.P**, 174*P*, 1996

*see SMITH R. D., AUSTIN C., DILLY K. W., WRAY S. & EISNER D. A.* **497.P**, 56*P*, 1996

WRIGHT A.R. *see REES S. A., WRIGHT A. R. & POWELL T.* **495.P**, 166*P*, 1996

*WRIGHT A. R., REES S. A. & POWELL T.* Sodium–calcium exchange conductance in cardiac myocytes from guinea-pig and *Callithrix jacchus*, the common marmoset **495.P**, 168*P*, 1996

WRIGHT H. *see FEATHERSTONE N., COX V., WRIGHT H. & GOLDSPINK D.* **497.P**, 40*P*, 1996

WRIGHT M.O.

*WRIGHT M. O. & SALTER D. M.* Effects of pressure-induced strain on the electrophysiological properties of isolated human chondrocytes **495.P**, 14*P*, 1996

WRIGHT Z. *see CLARKE S. B., DRAKE-HOLLAND A. J., HYND J., WRIGHT Z., MANSARAY M., NOBLE M. I. M. & SEYMOUR A.-M.L.* **497.P**, 50*P*, 1996

WU C.

*WU C. & FRY C. H.* The effects of pH changes on extracellular potassium- and caffeine-induced intracellular $Ca^{2+}$ transients in isolated guinea-pig detrusor smooth muscle **493.P**, 20*P*, 1996

*WU C. & FRY C. H.* The effect of extracellular pH on depolarization-induced $Ca^{2+}$ transients in guinea-pig detrusor myocytes **494.P**, 120*P*, 1996

WU F. *see SHIELDS D., CHEN Y., LING W. L. W., AUSTIN C., ELGORT A. & WU F.* **494.P**, 5*S*, 1996

WU M.-L. *see KAO E.-F., LIU I.-H., TSAI K.-L. & WU M.-L.* **497.P**, 120*P*, 1996

WU W.X.

*WU W. X., ZHANG Q. & NATHANIELSZ P. W.* Oestradiol increases the expression of heat shock protein 70 (HSP70) in the myometrium of ovariectomized sheep: a potential mechanism for alteration of steroid action on the myometrium **491.P**, 167*P*, 1996

WYATT C.N.

*WYATT C. N., BRICKLEY K. & DOLPHIN A. C.* An antibody to an L-type calcium channel attenuates voltage-dependent barium currents in cultured rat dorsal root ganglion cells **495.P**, 79*P*, 1996

WYLLIE D.

*WYLLIE D., BÉHÉ P., EDMONDS B., NASSAR M., SCHOEPFER R. & COLQUHOUN D.* Whole-cell and single-channel currents from recombinant NMDA NR1/2D receptors expressed in *Xenopus* oocytes **491.P**, 135*P*, 1996

XIA N. *see TWADDLE J. L. T., XIA N. & NYE P. C. G.* **491.P**, 50*P*, 1996

*see BHARADWAJ A. K., LEE S.-J., XIA N., TWADDLE J. L. T. & NYE P. C. G.* **495.P**, 172*P*, 1996

XIA R.-P.

*XIA R.-P. & BUSH B. M. H.* Hand muscle EMG patterns during repetitive 'writing' tasks in people with different pen grips **491.P**, 84*P*, 1996

XIA R.-P.

*XIA R.-P. & BUSH B. M. H.* EMG phase analysis of rhythmic manipulations and phase-dependent reflexes in human hand muscles **493.P**, 8*P*, 1996

*XIA R.-P. & BUSH B. M. H.* Phase-dependent modulation of reflex gain during repetitive finger actions in man **497.P**, 108*P*, 1996

YAGCI A.G. *see PROTHEROE R. E., RHODES B., YAGCI A. G., DONALDSON G. C. & KEATINGE W. R.* **491.P**, 56*P*, 1996

YAJEYA J. *see HEREDIA M., RIOLOBOS A. S., YAJEYA J., CRIADO J. M., DE LA FUENTE A. & SANTACANA M.* **493.P**, 22*S*, 1996

*see DE LA FUENTE A., CRIADO J. M., HEREDIA M., RIOLOBOS A. S. & YAJEYA J.* **493.P**, 23*S*, 1996

YAKUBU D.P. *see SYMONDS M. E., CLARKE L. & YAKUBU D. P.* **491.P**, 166*P*, 1996

YANG H.-W.

*YANG H.-W., APPENTENG K. & BATTEN T. F. C.* Synaptic relationships between glutamate, GABA, and glycine-immunoreactive boutons on rat trigeminal motoneurones **494.P**, 72*P*, 1996

YANG S.Y. *see GOLDSPINK G., YANG S. Y., SKARLI M. & VRBOVA G.* **495.P**, 162*P*, 1996

YATES M.S. *see PRIOR H. M., YATES M. S. & BEECH D. J.* **493.P**, 21*P*, 1996

*see PRIOR H. M., BEECH D. J. & YATES M. S.* **497.P**, 84*P*, 1996

YE G.L. *see LEUNG C. K. S., YE G. L. & YUNG W. H.* **495.P**, 68*P*, 1996

YEO A. *see PHILLIPS S. K., LEVY D., YEO A., WOLEDGE R. C., BRUCE S. A., MARTIN F. C. & YOUNG A.* **494.P**, 134*P*, 1996

YILMAZ B.

*YILMAZ B., GILMORE D. P. & WILSON C. A.* Effects of diamorphine hydrochloride (a specific $\mu$-opioid receptor agonist) and naloxone on hypothalamic monoamine concentrations during the pre-ovulatory LH surge in the rat **495.P**, 117*P*, 1996

YOUNG A. *see PHILLIPS S. K., LEVY D., YEO A., WOLEDGE R. C., BRUCE S. A., MARTIN F. C. & YOUNG A.* **494.P**, 134*P*, 1996

YOUNG B.A.

*YOUNG B. A. & WRAY D.* Evidence for intracellular calcium release induced by *N*-ethyl maleimide in *Xenopus laevis* oocytes **497.P**, 121*P*, 1996

YOUNG I.S. *see ASHLEY Z., COX V. M., YOUNG I. S. & GOLDSPINK D. F.* **497.P**, 38*P*, 1996

YOUNG J.D. *see ALLMAN K. G., STODDART A., CHEN S., BOYD C. A. R. & YOUNG J. D.* **491.P**, 19*P*, 1996

YOUNG L.

*YOUNG L., SWEENEY P., RYAN M. & FITZPATRICK J. M.* Augmentation in contralateral renal blood flow post-nephrectomy is independent of prostaglandin production and the autonomic nervous system in the rat **497.P**, 88*P*, 1996

YOUNG M.R.

*YOUNG M. R., FLEETWOOD-WALKER S. M., DICKINSON T. & SPARROW H.* Evidence for a role of metabotropic glutamate r ceptors in nociceptive responses **495.P**, 14*S*, 1996

YUDILEVICH D.L. *see SOBREVIA L., YUDILEVICH D. L. & MANN G. E.* **491.P**, 15*P*, 1996

YUNG W.H. *see LEUNG C. K. S., YE G. L. & YUNG W. H.* **495.P**, 68*P*, 1996

YURI K.

*YURI K., HERBISON A. E. & BICKNELL R. J.* Oestrogen regulation of *N*-methyl-D-aspartate (NMDA)-activated nitric oxide generation in the female rat pre-optic area **494.P**, 144*P*, 1996

YUSAF S.P.

*YUSAF S. P., BEECH D. J., WRAY D. & SIVAPRASADARAO A.* Evidence for voltage-dependent S4 movement in potassium channels **494.P**, 51*P*, 1996

*see GRAHAM E. L., YUSAF S. P. & WRAY D.* **497.P**, 123*P*, 1996

*YUSAF S. P., WRAY D. & SIVAPRASADARAO A.* Evidence for a stepwise movement of the S4 segment in *Shaker* potassium channels **497.P**, 128*P*, 1996

ZAGON A.

*ZAGON A. & SPYER K. M.* Anatomical identification of sympatho-inhibitory type neurones in the rostral ventrolateral medulla of the rat **491.P**, 177*P*, 1996

ZAMAN Z.

*ZAMAN Z., STAFFORD G., HARTLEY D. E. & FORSLING M. L.* The renal responses to oxytocin during pregnancy and lactation in the conscious rat **497.P**, 94*P*, 1996

ZANG W.J. *see QUINN C., LEACH R., OWEN J. M., ZANG W. J., HOPKINS P., FINDLAY J. B. C. & BOYETT M. R.* **497.P**, 46*P*, 1996

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*N*-methyl-D-aspartate (NMDA) induces heat shock protein-like immunoreactivity (HSP 72-li) in the hypothalamus of prepubertal female rats **491.P**, 179*P*, 1996
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Cardiovascular changes in response to acute hypoxia in the chick embryo from stage 34 to 43 **494.P**, 30*P*, 1996
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Interaction between hypoxia and $CO_2$ sensitivity of isolated small pulmonary arteries from the rat **495.P**, 172*P*, 1996
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The role of nitric oxide synthesis in cardiovascular responses to acute hypoxia in the late gestation sheep fetus **497**, 271, 1996
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Effect of diazoxide on evoked inhibitory postsynaptic currents of rat substantia nigra pars reticulata neurones **495.P**, 68*P*, 1996
Retrograde signalling in depolarization-induced suppression of inhibition in rat hippocampal CA1 cells **496**, 197, 1996
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Single axon IPSPs elicited in pyramidal cells by three classes of interneurones in slices of rat neocortex **496**, 81, 1996
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$Ca^{2+}$ transients associated with openings of inositol trisphosphate-gated channels in *Xenopus* oocytes **491**, 663, 1996
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Effect of IL-1ra on the local cytokine production and fever induced by subcutaneous injection of LPS into an air pouch in the rat **493.P**, 102*P*, 1996
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Common sources and characteristics of GABAergic input to interneurones and pyramidal cells in the rat hippocampus **495.P**, 62*P*, 1996
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Inhibitors of myosin light chain kinase modulate tight junctions in Caco-2 cells **493.P**, 87*P*, 1996
The influence of the myenteric nerve plexus on NO-mediated secretory events in isolated rat intestine **493.P**, 88*P*, 1996
Stimulatory effect of glutamine on dipeptide transport by the rat small intestine, *in vitro* and *in situ* **493.P**, 104*P*, 1996
Luminal capsaicin inhibits fluid secretion induced by enterotoxin *E. coli* LT but not bethanechol in rat intestine *in vivo* **495.P**, 95*P*, 1996
pH sensitivity of amino acid transport at the brush-border of human intestinal epithelial (Caco-2) cells is consistent with $H^+$ symport **495.P**, 96*P*, 1996
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Dimensions and ion selectivity of recombinant AMPA and kainate receptor channels and their dependence on Q/R site residues **496**, 165, 1996

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Amino acid substitutions in the rat $Na^+$,$K^+$-ATPase $\alpha$2-subunit alter the cation regulation of pump current expressed in HeLa cells **495**, 733, 1996

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Two different constituents of plasma increase cytosolic calcium selectively in neurons or glia of primary rat cerebellar cultures **490**, 577, 1996
Contribution of shrinkage of extracellular space to extracellular $K^+$ accumulation in myocardial ischaemia of the rabbit **490**, 215, 1996
Ischaemic preconditioning in neonatal rat hearts **491.P**, 6*P*, 1996
Chronic ischaemia results in hyper-reactivity to vasoconstrictors despite severe wall atrophy in human skeletal muscle small arteries **491.P**, 7*P*, 1996
Isolated Langendorff guinea-pig hearts with a reduced intracellular free amino acid pool are more susceptible to ischaemia and reperfusion injury **493.P**, 27*P*, 1996
Inhibition of cortical ischaemic damage by localized striatal injection of IL-1ra in the rat **493.P**, 107*P*, 1996
An investigation of the mechanism of NMDA receptor antagonism by ifenprodil in rat cultured cortical neurones **494.P**, 54*P*, 1996
Dichloroacetate reduces anaerobic ATP regeneration during exercise with reduced leg blood flow in man **495.P**, 133*P*, 1996

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The influence of lower body negative pressure on cerebral blood flow velocity during isometric exercise in man **491.P**, 70*P*, 1996
The effects of an isometric strength training programme on the pressor response to voluntary and involuntary isometric exercise of the human triceps surae **491.P**, 78*P*, 1996
Is baroreflex responsiveness (BRR) a function of height during isometric muscle contraction in human volunteers? **491.P**, 85*P*, 1996
Neuropeptide Y-like substances are released from the rostral brainstem of cats during the muscle pressor response **495**, 267, 1996
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Continuous measurement of the cardiac component of arterial baroreflex (CCBR) in real time during isometric exercise in human volunteers **497.P**, 7*P*, 1996

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Activation of kainate receptors depresses monosynaptically evoked inhibitory synaptic transmission in area CA1 of the rat hippocampus *in vitro* **494.P**, 89*P*, 1996

Activation of a kainate-induced inward current in CA3 hippocampal neurons of immature rats *in vitro* **495.P**, 44*P*, 1996

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Arginine metabolism in cat kidney **491**, 471, 1996

Renal noradrenaline spillover correlates with muscle sympathetic activity in humans **491**, 881, 1996

Chronic volume expansion in the rat: proximal tubular $Na^+$ transport and $Na^+$ pump inhibition **492**, 897, 1996

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Membrane potential and pH dependence of neutral and charged dipeptide transport across rat renal cortex basolateral membrane vesicles **493.P**, 62*P*, 1996

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$Ca^{2+}$ entry pathways activated by angiotensin II and carbachol in angiotensin ($AT_{1A}$) receptor transfected human neuroblastoma (SH-SY5Y) cells **493.P**, 45*P*, 1996

**Neuroendocrinology**

5-Hydroxytryptamine hyperpolarizes neuroendocrine Dahlgren cells of the flounder (*Platichthys flesus*) *in vitro* **495.P**, 38*P*, 1996

**Neurohypophysis**

The role of the pineal gland in circadian regulation of the electrical activity of magnocellular neuroendocrine neurones recorded *in vivo* **491.P**, 176*P*, 1996
The effect of ovariectomy on the response of the neurohypophysial system to increased plasma sodium concentrations in the rat **494.P**, 140*P*, 1996
The effect of ovarian steroids on neurohypophysial function **494.P**, 12*S*, 1996
A slowly activating voltage-dependent $K^+$ current in rat pituitary nerve terminals **497**, 711, 1996

**Neurokinin**

*In vivo* pelvic afferent responses to a Neurokinin A agonist in the anaesthetized rat **491.P**, 148*P*, 1996
Neurokinin A and $Ca^{2+}$ current induce $Ca^{2+}$-activated $Cl^-$ currents in guinea-pig tracheal myocytes **492**, 377, 1996
Interactions between neuropeptides and excitatory amino acids *in vivo* **495.P**, 13*S*, 1996
Changes in mechanosensitivity and sensitization of urinary bladder afferents in the anaesthetized rat following administration of the selective NK-2 antagonist SR48968 **497.P**, 18*P*, 1996

**Neuromuscular junction**

Effects of cytochalasin treatment on short-term synaptic plasticity at developing neuromuscular junctions in frogs **491**, 187, 1996
Modulation of non-quantal release of acetylcholine at the mouse neuromuscular junction by presynaptic autoreceptors **491.P**, 129*P*, 1996
Spontaneous and uniquantal-evoked endplate-currents in normal frogs are indistinguishable **492**, 155, 1996
Synchronous release of ATP and neurotransmitter within milliseconds of a motor nerve impulse in the frog **492**, 815, 1996
Involvement of protein kinases in the upregulation of acetylcholine release at endplates of α-bungarotoxin-treated rats **493**, 175, 1996
Release properties of isolated neuromuscular boutons of the garter snake **495**, 503, 1996
Activity-dependent modulation of the presynaptic potassium current in the frog neuromuscular junction **495**, 717, 1996
Synaptic vesicle trafficking in motor nerve terminals of rat fast and slow skeletal muscle *in vitro* **495.P**, 59*P*, 1996
Sudden death of axotomized motor nerve terminals at neuromuscular junctions in Wld$^s$ mice **495.P**, 152*P*, 1996
Choline acetyltransferase activity in isolated rat soleus muscle after chronic paralysis with tetrodotoxin and botulinum type A toxin **495.P**, 153*P*, 1996
Rapid functional modulation of developing neuromuscular synapses by electrical activity and neurotrophic factors **495.P**, 4*S*, 1996
Activity independence of synaptic competition at reinnervated mammalian neuromuscular junctions **495.P**, 5*S*, 1996
Synaptic disassembly at the neuromuscular junction **495.P**, 5*S*, 1996
Molecular analysis of the development and regeneration of neuromuscular interactions: a transgenic approach **495.P**, 6*S*, 1996
Schwann cells stimulate and guide neuromuscular sprouting and regeneration **495.P**, 6*S*, 1996
Presynaptic calcium currents at voltage-clamped excitor and inhibitor nerve terminals of crayfish **496**, 347, 1996
Localizing quantal currents along frog neuromuscular junctions **497**, 189, 1996

**Neurone**

Whole-cell $K^+$ currents in identified olfactory bulb output neurones of rats **490**, 63, 1996
Opioid inhibition of rat periaqueductal grey neurones with identified projections to rostral ventromedial medulla *in vitro* **490**, 383, 1996
Kinetics of the block by intracellular $Mg^{2+}$ of the NMDA-activated channel in cultured rat neurons **491**, 121, 1996
Effects of intracellular $Mg^{2+}$ on channel gating and steady-state responses of the NMDA receptor in cultured rat neurons **491**, 137, 1996
A non-inactivating $K^+$ current sensitive to muscarinic receptor activation in rat cultured cerebellar granule neurons **491**, 401, 1996
Relationship between intracellular calcium and its muffling measured by calcium iontophoresis in snail neurones **491**, 621, 1996
Neuronal expression in cleavage-arrested ascidian blastomeres requires gap junctional uncoupling from neighbouring cells **491**, 825, 1996
Effect of metabotropic glutamate receptor activation on the intracellular pH and calcium of rat neurones and glia maintained in culture **491.P**, 136*P*, 1996
Anatomical identification of sympatho-inhibitory type neurones in the rostral ventrolateral medulla of the rat **491.P**, 177*P*, 1996
Cellular mechanisms for neuronal thermosensitivity in the rat hypothalamus **492**, 231, 1996
Specific thermal responsiveness of ventromedial hypothalamic neurons to localized scrotal heating and cooling in rats **492**, 851, 1996
Observation of calcium dynamics in developing neurones within zebrafish embryos by confocal microscopy of Calcium Green dextran **494.P**, 9*P*, 1996
Paired intracellular recordings with biocytin filling in rat cortex *in vitro* **494.P**, 11*P*, 1996
Modulation of threshold for antidromic activation in rat neurosecretory nerve terminals *in vivo*; a change which may resemble presynaptic facilitation and inhibition **494.P**, 139*P*, 1996
Dopamine $D_1$-like receptor-mediated presynaptic inhibition of excitatory transmission onto rat magnocellular basal forebrain neurones **495**, 97, 1996
Potentiation of IPSCs by nitric oxide in immature rat sympathetic preganglionic neurones *in vitro* **495**, 479, 1996
Expression of a kainate-type glutamate receptor by rat basal forebrain neurones in dissociated culture **495.P**, 45*P*, 1996
Effects of a membrane-permeable calcium chelator on muscarinic responses in rat cultured cerebellar granule neurons **495.P**, 66*P*, 1996
Study of the acute interactions of oestradiol-17β with μ-opioid receptors on morphine-dependent oxytocin neurones in urethane-anaesthetized rats **495.P**, 118*P*, 1996

**Neuropeptide**

The action of GSPYFVamide and related peptides on identified central neurones of the snail, *Helix aspersa* **491.P**, 108*P*, 1996
Rapid exocytosis and endocytosis in nerve terminals of the rat posterior pituitary **494**, 539, 1996
Antagonistic role of tachykinins and calcitonin gene-related peptide (CGRP) in histamine-induced plasma extravasation in the skin of the anaesthetized pig **494.P**, 45*P*, 1996

Analysis of the two classes of FMRFamide-related peptides (FaRPs) in identified neurones of *Helix aspersa* by mass spectrometry **494.P**, 82*P*, 1996
Early induction of neuropeptide mRNAs in dorsal root ganglia during the development of adjuvant arthritis **495.P**, 24*P*, 1996
The effects of GABA and the neuropeptide KPNFIRFamide (PF4) on the somatic muscle cells of the parasitic nematode *Ascaris suum* **495.P**, 32*P*, 1996

**Neuropeptide Y**

Neuropeptide Y-like substances are released from the rostral brainstem of cats during the muscle pressor response **495**, 267, 1996
Neuropeptide Y-enhanced diuresis and natriuresis in anaesthetized rats is independent of renal blood flow reduction **495**, 525, 1996
Antibody microprobe studies of release of immunoreactive neuropeptide Y in the spinal cord of the neuropathic rat **495.P**, 21*P*, 1996
Modulation of synaptic transmission in the myenteric plexus of the guinea-pig descending colon. A role for extrinsic neuropeptide Y (NPY)-containing fibres? **495.P**, 100*P*, 1996

**Neurosecretion**

Nicotine-induced increase in $[Ca^{2+}]_i$ in isolated adult neurosecretory cells of the cockroach *Periplaneta americana* detected using fura-2 **491.P**, 107*P*, 1996
Rapid exocytosis and endocytosis in nerve terminals of the rat posterior pituitary **494**, 539, 1996
Biogenesis of neurosecretory vesicles **494.P**, 5*S*, 1996
Rapid effects of ovarian steroids on the magnocellular neurosecretory system **494.P**, 11*S*, 1996

**Neurotensin**

Role of $[Ca^{2+}]_i$ in '$Ca^{2+}$ stores depletion–$Ca^{2+}$ entry coupling' in fibroblasts expressing the rat neurotensin receptor **491**, 635, 1996

**Neurotransmitter**

Basal responses of the L-type $Ca^{2+}$ and hyperpolarization-activated currents to autonomic agonists in the rabbit sino-atrial node **491**, 347, 1996
Synchronous release of ATP and neurotransmitter within milliseconds of a motor nerve impulse in the frog **492**, 815, 1996
Possible role of diadenosine polyphosphates as modulators of cardiac sensory-motor neurotransmission in guinea-pigs **495**, 515, 1996
$M_1$ muscarinic receptor-induced facilitation of ACh and noradrenaline release in the rat bladder is mediated by protein kinase C **496**, 245, 1996
Ryanodine-sensitive calcium stores involved in neurotransmitter release from sympathetic nerve terminals of the guinea-pig **497**, 657, 1996

**Neutrophil**

Polymorphonuclear neutrophil adherence to endothelial cells is up-regulated by reactive oxygen species and down-regulated by cAMP **491.P**, 44*P*, 1996

**Nicotine**

Excitatory drive to motoneurons during swimming in *Rana temporaria* embryos **493.P**, 38*P*, 1996
The effects of maternal smoking and tobacco composition on placental functional morphology **494.P**, 39*P*, 1996
Effect of spatial variation of early systolic acceleration and accuracy of determination of late diastolic velocity on local arterial wavespeed measured by MRI in smokers and non-smokers **497.P**, 69*P*, 1996

**Nicotinic receptor**

Patch-clamp characterization of nicotinic receptors in a subpopulation of lamina X neurones in rat spinal cord slices **490**, 673, 1996
Neuronal nicotinic α7 receptor expressed in *Xenopus* oocytes presents five putative binding sites for methyllycaconitine **491**, 151, 1996
Activation and blockade of mouse muscle nicotinic channels by antibodies directed against the binding site of the acetylcholine receptor **492**, 107, 1996
Vasoactive intestinal polypeptide modulation of nicotinic ACh receptor channels in rat intracardiac neurones **493**, 503, 1996
Open channel and competitive block of the embryonic form of the nicotinic receptor of mouse myotubes by (+)-tubocurarine **495**, 83, 1996
Binding sites contribute unequally to the gating of mouse nicotinic αD200N acetylcholine receptors **496**, 185, 1996
Nicotinic actions on neurones of the central autonomic area in rat spinal cord slices **497**, 175, 1996

**Nitric oxide**

Regulation of L-arginine transport and nitric oxide release in superfused porcine aortic endothelial cells **490**, 229, 1996
The role of nitric oxide in the regulation of macromolecular transport in rat jejunum **490**, 243, 1996
Local inhibition of nitric oxide generation in man reduces blood flow in finger pulp but not in hand dorsum skin **490**, 501, 1996
Activation of L-arginine transport (system $y^+$) and nitric oxide synthase by elevated glucose and insulin in human endothelial cells **490**, 775, 1996
Minimal role of nitric oxide in basal coronary flow regulation and cardiac energetics of blood-perfused isolated canine heart **491**, 455, 1996
Effect of isosorbiddinitrate on exogenously expressed slowly activating $K^+$ channels and endogenous $K^+$ channels in *Xenopus* oocytes **491**, 735, 1996
Endothelial-derived NO does not seem to be involved in hypercapnic relaxation of isolated rabbit middle cerebral arteries **491.P**, 7*P*, 1996
Evidence for a cerebrovascular rather than neuronal origin of systemic arterial pressure-induced changes in concentration of nitric oxide within the midbrain in anaesthetized rats **491.P**, 8*P*, 1996
Synergism between hydrogen peroxide and *S*-nitrosoglutathione: inhibition of activation of human platelets **491.P**, 8*P*, 1996
Effects of native and oxidatively modified low density lipoprotein on L-arginine transport and synthesis of nitric oxide and prostacyclin in human cultured umbilical vein endothelial cells **491.P**, 9*P*, 1996
Oxidative stress and vascular function within solid tumours: role of nitric oxide and oxygen radicals **491.P**, 10*P*, 1996
Adenosine activates L-arginine transport and constitutive nitric oxide synthesis in human cultured endothelial cells **491.P**, 15*P*, 1996
Nitric oxide synthase and adenylyl and guanylyl cyclase activity in porcine venous-arterial grafts **491.P**, 17*P*, 1996
Oestrogens enhance nitric oxide biological activity in bovine aortic endothelial cells by inhibiting superoxide anion production **491.P**, 18*P*, 1996
Phenotypic changes in coronary microvascular endothelium of the guinea-pig following culture: loss of nitric oxide synthase activity **491.P**, 18*P*, 1996
Effect of L-lysine administration on nitric oxide production in an ovine model of endotoxaemia **491.P**, 19*P*, 1996
Transport of nitric oxide synthase inhibitors in rat aortic smooth muscle cells activated with bacterial lipopolysaccharide and interferon-γ **491.P**, 20*P*, 1996
Mechanisms underlying the depression of noradrenaline-evoked contractions induced by chronic hypoxia in the rat iliac artery *in vitro* **491.P**, 24*P*, 1996
Effects of inhibition of polyamine biosynthesis on nitric oxide production in endotoxin-stimulated J774 cells **491.P**, 32*P*, 1996
Effects of two arginase inhibitors on nitric oxide release by macrophages *in vitro* **491.P**, 33*P*, 1996
Lipoprotein oxidation: release of NO from endothelial cells and the response to NO of target fibroblasts **491.P**, 33*P*, 1996
Nitric oxide in the gas phase above endothelial cells in culture elevates nitrite levels and preproendothelin-1 but does not alter endothelial nitric oxide synthase transcription **491.P**, 100*P*, 1996
Is nitrite an important physiological circulating nitric oxide (NO) donor? **491.P**, 101*P*, 1996
Evidence for a possible role for nitric oxide in the modulation of heart activity of *Achatina* and *Helix* hearts **491.P**, 108*P*, 1996
Exogenous nitric oxide improves recovery of ventricular function following brief hypoxia in isolated rat hearts **491.P**, 130*P*, 1996
Nitric oxide synthase in the cervical spinal cord in normal and dystrophic C57BL/6J mice *in vitro* **491.P**, 143*P*, 1996
The influence of modulators of nitric oxide synthesis on spontaneous human myometrial contractility *in vitro* **491.P**, 167*P*, 1996
Nitric oxide- and oxygen-dependent disruption of signalling pathways in cardiovascular disease **491.P**, 3*S*, 1996
A delicate balance between nitric oxide and oxidants regulates leucocyte–endothelial cell interactions *in vivo* **491.P**, 4*S*, 1996
Endothelium-dependent modulation of pacemaking in lymphatic vessels of the guinea-pig mesentery **493**, 563, 1996
Activation of delayed rectifier potassium channels in canine proximal colon by vasoactive intestinal peptide **493**, 651, 1996
NO decreases evoked quantal ACh release at a synapse of *Aplysia* by a mechanism independent of $Ca^{2+}$ influx and protein kinase G **493**, 769, 1996
The possible role of nitric oxide in relaxations and excitatory neuroeffector transmission in the cat airway **493**, 785, 1996
Nitric oxide synthase inhibitors block glutamate-induced increases in $[Ca^{2+}]_i$ in cerebellar granule neurones *in vitro* **493.P**, 47*P*, 1996
Effect of L-NAME on renal vasoconstriction elicited by intrarenal ET-1, ET-3 and sarafotoxin 6c in the anaesthetized rat **493.P**, 71*P*, 1996
Mechanisms of nitric oxide-induced electrogenic secretion in a Caco-2 carcinoma cell line **493.P**, 76*P*, 1996

The influence of the myenteric nerve plexus on NO-mediated secretory events in isolated rat intestine **493.P**, 88*P*, 1996
Inhibition of nitric oxide synthase does not prevent ocular dominance plasticity in kitten visual cortex **494**, 519, 1996
The effect of nitric oxide synthase inhibition on plasma angiotensin II in normoxia and hypoxia in fetal sheep **494.P**, 35*P*, 1996
Actions of nitric oxide and noradrenaline on sympathetic preganglionic neurones **494.P**, 78*P*, 1996
A comparison between men and women of the effects of inhibition of nitric oxide biosynthesis in forearm vasculature **494.P**, 126*P*, 1996
Vasodilatation of human forearm vasculature by salbutamol is inhibited by $N^G$-monomethyl-L-arginine **494.P**, 126*P*, 1996
Endotoxin activates platelets *in vivo* in a model of endotoxin shock in the conscious rat **494.P**, 127*P*, 1996
Nitric oxide inhibits the electrical activity of rat supraoptic nucleus neurones *in vitro* **494.P**, 139*P*, 1996
Oestrogen regulation of *N*-methyl-D-aspartate (NMDA)-activated nitric oxide generation in the female rat pre-optic area **494.P**, 144*P*, 1996
Potentiation of IPSCs by nitric oxide in immature rat sympathetic preganglionic neurones *in vitro* **495**, 479, 1996
Isolated mesenteric arteries from pregnant rats show enhanced flow-mediated relaxation but normal myogenic tone **495**, 545, 1996
Studies on the roles of ATP, adenosine and nitric oxide in mediating muscle vasodilatation induced in the rat by acute systemic hypoxia **495**, 553, 1996
Nitric oxide and exercise in the horse **495**, 863, 1996
Investigations into the role of cGMP and nitric oxide in the action of GSPYFVamide on identified central neurons of the snail, *Helix aspersa* **495.P**, 39*P*, 1996
Nitric oxide synthase isoenzymes in human hippocampal pyramidal neurons **495.P**, 47*P*, 1996
Cellular distribution of NADPH-diaphorase activity in the retina of Grass goby **495.P**, 58*P*, 1996
Enteric reflex control of adaptive relaxation in the ferret stomach *in vitro* **495.P**, 104*P*, 1996
Investigation into the nature of the nitrergic transmitter released in the rat stomach following vagal stimulation **495.P**, 105*P*, 1996
The nitric oxide–cGMP pathway is involved in angiotensin II-induced drinking behaviour: mapping with NADPH-diaphorase and *c-fos* **495.P**, 115*P*, 1996
Role of nitric oxide in the rate and contraction responses to acetylcholine following adrenergic stimulation in the isolated frog heart **495.P**, 167*P*, 1996
The role of nitric oxide synthesis in cardiovascular responses to acute hypoxia in the late gestation sheep fetus **497**, 271, 1996
Actions of the nitric oxide donor molsidomine on contractions and spontaneous activity in guinea-pig isolated ventricular myocytes following prestimulation with isoprenaline **497.P**, 48*P*, 1996
Role of endothelium-derived nitric oxide in hindquarter reactive hyperaemia in anaesthetized rats **497.P**, 78*P*, 1996
Shear stress and NO release in the guinea-pig Langendorff (constant pressure) preparation **497.P**, 78*P*, 1996
NADPH-diaphorase/nitric oxide synthase-containing neurones in the developing hypothalamus and medulla of the rat **497.P**, 115*P*, 1996
Irreversible inhibition of endothelial cell mitochondrial respiratory chain activity does not mimic nitric oxide-induced blood–brain barrier dysfunction **497.P**, 118*P*, 1996

**N-Methyl-D-aspartate (NMDA)**

Long-term potentiation of NMDA and AMPA receptor-mediated signals in CA1 pyramidal cells: qualitatively similar but quantitatively different **491.P**, 137*P*, 1996
*N*-methyl-D-aspartate (NMDA) induces heat shock protein-like immunoreactivity (HSP 72-li) in the hypothalamus of prepubertal female rats **491.P**, 179*P*, 1996
An investigation of the mechanism of NMDA receptor antagonism by ifenprodil in rat cultured cortical neurones **494.P**, 54*P*, 1996
Potentiation of NMDA-induced excitation of putative vasopressin neurones in the rat supraoptic nucleus by the neurosteroid pregnenolone sulphate **494.P**, 140*P*, 1996
Oestrogen regulation of *N*-methyl-D-aspartate (NMDA)-activated nitric oxide generation in the female rat pre-optic area **494.P**, 144*P*, 1996
Calcium-induced inactivation of NMDA receptor-channels evolves independently of run-down in cultured rat brain neurones **495**, 411, 1996
Mediators of tachykinin/NMDA interactions in nociception **495.P**, 15*S*, 1996

**NMDA receptor**

Functional *N*-methyl-D-aspartate receptors in clonal rat phaeochromocytoma cells **490**, 391, 1996
Postsynaptic modulation of NMDA synaptic currents in rat hippocampal microcultures by paired-pulse stimulation **490**, 405, 1996
Evidence that heterosynaptic depolarization underlies associativity of long-term potentiation in rat hippocampus **490**, 455, 1996
Kinetics of the block by intracellular $Mg^{2+}$ of the NMDA-activated channel in cultured rat neurons **491**, 121, 1996
Effects of intracellular $Mg^{2+}$ on channel gating and steady-state responses of the NMDA receptor in cultured rat neurons **491**, 137, 1996
Fractional $Ca^{2+}$ currents through somatic and dendritic glutamate receptor channels of rat hippocampal CA1 pyramidal neurones **491**, 757, 1996
Differential contribution of the NR1- and NR2A-subunits to the selectivity filter of recombinant NMDA receptor channels **491**, 779, 1996
A comparison between memantine and ketamine as blockers of NMDA receptor-mediated nociceptive responses in the spinal cord of the anaesthetized rat **491.P**, 113*P*, 1996
NMDA receptors mediate spontaneous activity, but not phasic synaptic responses in the spinal dorsal horn of the anaesthetized rat **491.P**, 113*P*, 1996
$Ca^{2+}$-dependent transient inactivation and run-down of NMDA currents are differentially regulated **491.P**, 135*P*, 1996
Whole-cell and single-channel currents from recombinant NMDA NR1/2D receptors expressed in *Xenopus* oocytes **491.P**, 135*P*, 1996
*N*-methyl-D-aspartate receptors in the cervical spinal cord in normal and dystrophic C57BL/6J mice *in vitro* **491.P**, 149*P*, 1996
Subtype-specific regulation of recombinant NMDA receptor–channels by protein tyrosine kinases of the *src* family **492**, 445, 1996
Mechanisms of glutamate-stimulated $Mg^{2+}$ influx and subsequent $Mg^{2+}$ efflux in rat forebrain neurones in culture **492**, 641, 1996
Voltage-dependent interaction of open-channel blocking molecules with gating of NMDA receptors in rat cortical neurons **493**, 425, 1996
Studies of dendritic and recombinant NMDA receptors **493.P**, 9*P*, 1996
Reduction of NMDA receptor-mediated transmission in the primary somatosensory (SI) cortex following whisker deprivation in the anaesthetized adult rat **493.P**, 41*P*, 1996
Single channel properties of NMDA receptors in striatal and hippocampal granule cells from 0-day-old rats **493.P**, 48*P*, 1996
NMDA receptor involvement in nociceptive responses of spinal dorsal horn neurones of the anaesthetized rat as revealed by competitive and uncompetitive antagonists **493.P**, 52*P*, 1996
Action of memantine on recombinant rat NMDA receptors expressed in HEK 293 cells **493.P**, 53*P*, 1996
Identification of a native low-conductance NMDA channel with reduced sensitivity to $Mg^{2+}$ in rat central neurones **494**, 479, 1996
Changes in the synaptic role of NMDA receptors during the maturation of visual responses in the superficial layers of the rat superior colliculus (SSC) during the week following eye opening **494.P**, 16*P*, 1996
An investigation of the mechanism of NMDA receptor antagonism by ifenprodil in rat cultured cortical neurones **494.P**, 54*P*, 1996
Long-term potentiation of NMDA receptor-mediated signals in CA1 pyramidal cells of guinea-pig hippocampal slices: evidence for an increase in transmitter release probability **494.P**, 81*P*, 1996
The effect of sciatic nerve section in the neonatal rat on the density of NMDA receptors in spinal motoneurones **494.P**, 87*P*, 1996
Membrane potentials of respiratory neurones during dizocilpine-induced apneusis in adult cats **495**, 851, 1996
Pharmacological characterization of *N*-methyl-D-aspartate receptor (NMDAR)-mediated responses in the rodent suprachiasmatic nuclei (SCN) *in vitro* **495.P**, 48*P*, 1996
Memantine-induced blockade of NMDA channels without agonist assistance **495.P**, 49*P*, 1996
Synaptic NMDA receptors in developing mouse hippocampal neurones: functional properties and sensitivity to ifenprodil **497**, 437, 1996
A novel mechanism of activity-dependent NMDA receptor antagonism describes the effect of ifenprodil in rat cultured cortical neurones **497**, 761, 1996
The effects of visual deprivation on visual responses and NMDA receptor-mediated synaptic transmission in the superficial superior colliculus of young anaesthetized rats **497.P**, 64*P*, 1996
Effects of ARL12495, a metabolite of the anticonvulsant Remacemide, on dorsal root-evoked EPSPs and frequency-dependent summation (wind-up) in rat ventral horn neurons *in vitro* **497.P**, 100*P*, 1996

**Nociception**

Endogenous monoamines inhibit glutamate transmission in the spinal trigeminal nucleus of the guinea-pig **491**, 177, 1996

A comparison between memantine and ketamine as blockers of NMDA receptor-mediated nociceptive responses in the spinal cord of the anaesthetized rat **491.P**, 113*P*, 1996

NMDA receptors mediate spontaneous activity, but not phasic synaptic responses in the spinal dorsal horn of the anaesthetized rat **491.P**, 113*P*, 1996

A membrane current activated by noxious heat in primary sensory neurones from neonatal rats **491.P**, 142*P*, 1996

Enrichment of nociceptive neurones in cultures from neonatal rat dorsal root ganglion **491.P**, 142*P*, 1996

*In situ* hybridization histochemistry in the study of nociceptive mediators **491.P**, 16*S*, 1996

Ischaemia-sensitive sympathetic afferents innervating the gastrointestinal tract function as nociceptors in cats **492**, 841, 1996

Postnatal development of the nociceptive withdrawal reflexes in the rat: a behavioural and electromyographic study **493**, 239, 1996

Cutaneous inhibitory receptive fields of withdrawal reflexes in the decerebrate spinal rat **493**, 253, 1996

Influence of vagotomy on renal nerve responses to nociceptor stimulation in anaesthetized rats **493.P**, 9*P*, 1996

Correlation of CGRP-like immunoreactivity (CGRP-LI) with sensory receptor properties in dorsal root ganglion (DRG) neurones in guinea-pigs **493.P**, 45*P*, 1996

NMDA receptor involvement in nociceptive responses of spinal dorsal horn neurones of the anaesthetized rat as revealed by competitive and uncompetitive antagonists **493.P**, 52*P*, 1996

The vasodilator component of neurogenic inflammation is caused by a special subclass of heat-sensitive nociceptors in the skin of the pig **494**, 587, 1996

Identification of the C-fibres responsible for antidromic vasodilatation in the skin of the anaesthetized rat **494.P**, 46*P*, 1996

Developmental adaptation of withdrawal reflexes to early alteration of peripheral innervation in the rat **495**, 399, 1996

Functional differences in spinal and supraspinal portions of the spinothalamic pathway in man **495.P**, 18*P*, 1996

On the different actions of claimed $\alpha_2$-adrenoceptor agonists on nociceptive transmission in the spinal cord of the anaesthetized rat **495.P**, 19*P*, 1996

Effects of agmatine on spinal nociceptive responses in anaesthetized rats **495.P**, 27*P*, 1996

Spontaneous activity and mechanical sensitivity of myelinated inferior alveolar nerve fibres in ferrets after ligation, section and regeneration, or constriction **495.P**, 28*P*, 1996

Evidence for a role of metabotropic glutamate receptors in nociceptive responses **495.P**, 14*S*, 1996

Behavioural analysis of interactions between primary afferent transmitters **495.P**, 15*S*, 1996

Changes in spinal processing of nociception during peripheral inflammation **495.P**, 16*S*, 1996

Molecular biological approaches to the plasticity of nociceptive mediators in primary and spinal neurons **495.P**, 17*S*, 1996

C-polymodal nociceptors activated by noxious low temperature in human skin **497**, 565, 1996

Heat-evoked vasodilatation in human hairy skin: axon reflexes due to low-level activity of nociceptive afferents **497**, 837, 1996

Similarities of opioid and L-DOPA action on nociceptive and non-nociceptive reflex pathways in spinal cats **497.P**, 105*P*, 1996

Opposite effects of chemical and electrical stimulation in the periaqueductal grey (PAG) on the A$\delta$-mediated nociceptive responses of rat dorsal horn neurones **497.P**, 106*P*, 1996

The excitatory response of rat spinal dorsal horn neurons to NK-1 and NK-3 agonists: an electrophysiological and morphological examination *in vitro* **497.P**, 108*P*, 1996

Reflex synaptic responses evoked in rat superior cervical ganglion cells by brief pinches **497.P**, 2*S*, 1996

The effects and biological roles of nerve growth factor (NGF) on pelvic visceral sensory neurones **497.P**, 6*S*, 1996

**Non-adrenergic non-cholinergic response (NANC)**

Neuronal mediators of inhibitory junction potentials and relaxation in the guinea-pig internal anal sphincter **493**, 517, 1996

The possible role of nitric oxide in relaxations and excitatory neuroeffector transmission in the cat airway **493**, 785, 1996

**Non-NMDA receptor**

Effect of RNA editing and subunit co-assembly on single-channel properties of recombinant kainate receptors **492**, 129, 1996

Non-NMDA receptors transmit cardiopulmonary C fibre input in nucleus tractus solitarii in rats **496**, 773, 1996

**Noradrenaline**

Differential responses of lateral and ventrolateral rat periaqueductal grey neurones to noradrenaline *in vitro* **490**, 373, 1996

Renal noradrenaline spillover correlates with muscle sympathetic activity in humans **491**, 881, 1996

Mechanisms underlying the depression of noradrenaline-evoked contractions induced by chronic hypoxia in the rat iliac artery *in vitro* **491.P**, 24*P*, 1996

Dual effect of external $Ca^{2+}$ on noradrenaline-activated cation current in rabbit portal vein smooth muscle cells **492**, 75, 1996

Selective depletion of spinal monoamines changes the rat soleus EMG from a tonic to a more phasic pattern **492**, 173, 1996

Noradrenaline modulates transmitter release by enhancing the $Ca^{2+}$ sensitivity of exocytosis in the chick ciliary presynaptic terminal **493**, 321, 1996

Noradrenaline induces IPSCs in rat medial septal/diagonal band neurons: involvement of septohippocampal GABAergic neurons **494**, 201, 1996

The role of G proteins and phospholipase C in the activation of the noradrenaline-evoked non-selective cation current in rabbit portal vein cells **494.P**, 53*P*, 1996

Actions of nitric oxide and noradrenaline on sympathetic preganglionic neurones **494.P**, 78*P*, 1996

Inhibition of a reflex after intravenous and intraventricular fentanyl in the decerebrated rabbit **495.P**, 23*P*, 1996

Characterization of the 5-HT- and noradrenaline-sensitive potassium conductance in neonatal rat facial motoneurones *in vitro* **495.P**, 55*P*, 1996

Evidence for the differential release of the cotransmitters ATP and noradrenaline from sympathetic nerves of the guinea-pig vas deferens **496**, 731, 1996

The effect of protein kinase C on muscarinic ($M_1$) inhibition of $K^+$-evoked noradrenaline release in the human neuroblastoma SH-SY5Y **497.P**, 119*P*, 1996

**Nucleotide**

Activation of nucleotide receptors inhibits calcium currents in a rodent neuronal cell line **491.P**, 88*P*, 1996

Nucleotide binding by actomyosin as a determinant of relaxation kinetics of rabbit phasic and tonic smooth muscle **492**, 669, 1996

**Nucleus tractus solitarii**

Non-NMDA receptors transmit cardiopulmonary C fibre input in nucleus tractus solitarii in rats **496**, 773, 1996

Co-existence of glycine immunoreactivity in a subpopulation of GABAergic terminals in the nucleus tractus solitarii of the cat and the rat **497.P**, 74*P*, 1996

Attenuation of the pulmonary chemoreflex by blocking voltage-dependent potassium currents in the nucleus of the solitary tract in anaesthetized rats **497.P**, 75*P*, 1996

**Obesity**

Potassium channel dysfunction in hypothalamic glucose-receptive neurones of obese Zucker rats **497**, 365, 1996

**Oculomotor system**

The hypothesis of the uniqueness of the oculomotor neural integrator: direct experimental evidence in the cat **492**, 517, 1996

**Oedema**

Forearm blood flow in postmastectomy oedema (PMO) measured by venous occlusion plethysmography (VOP) using an optoelectric volumeter and a mercury strain gauge **491.P**, 39*P*, 1996

**Oesophagus**

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$PGE_2$ modulates the tetrodotoxin-resistant sodium current in neonatal rat dorsal root ganglion neurones via the cyclic AMP–protein kinase A cascade **495**, 429, 1996
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Muscarinic regulation of $[Ca^{2+}]_i$ in the human neuroblastoma SH-SY5Y; modulation by protein kinase C **497.P**, 119*P*, 1996
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Calcium handling and purinoceptor subtypes involved in ATP-induced contraction in rat small mesenteric arteries **492**, 689, 1996
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Modulation by extracellular pH of agonist affinity for a recombinant $P_{2X}$ purinoceptor **494.P**, 77*P*, 1996
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